



**CONNECT AND PROTECT**

## Product Catalogue

Presenting our wide range of industrial enclosures, climate control, and panel shop automation systems.



**HOFFMAN**  
Previously Eldon









**Floor Standing Enclosures**

---

**01**

**Wall Mounted Enclosures**

---

**02**

**Terminal Boxes**

---

**03**

**Human Machine Interface**

---

**04**

**Thermal Management**

---

**05**

**Cable Management**

---

**06**

**General Accessories**

---

**07**

**Panel Shop Automation**

---

**08**



# Product overview

## 01 | Floor Standing Enclosures



Scan the QR code to see the range's movie presentation

## 02 | Wall Mounted Enclosures



Scan the QR code to see the range's movie presentation

## 03 | Terminal Boxes



Scan the QR code to see the range's movie presentation

## 04 | Human Machine Interface



Scan the QR code to see the range's movie presentation

## 05 | Thermal Management



Scan the QR code  
to see the range's  
movie presentation

## 06 | Cable Management



## 08 | Panel Shop Automation



Scan the QR code  
to see the range's  
movie presentation

## 07 | General Accessories



Scan the QR code  
to see the range's  
movie presentation



## 01

## Floor Standing Enclosures

10

|                                    |             |                       |            |
|------------------------------------|-------------|-----------------------|------------|
| <b>Mild Steel, Indoor</b>          |             |                       | <b>12</b>  |
|                                    | Combinable  | MCS / MCD / MCS-HP    | 12         |
|                                    |             | MCF                   | 36         |
|                                    |             | 19", MCI              | 42         |
|                                    | Compact     | MKS / MKD             | 46         |
|                                    | Accessories |                       | 88         |
| <b>Stainless Steel, In/Outdoor</b> |             |                       | <b>60</b>  |
|                                    | Combinable  | MCSS / MCDS / MCSS-HP | 60         |
|                                    | Compact     | EKSS / EKDS           | 76         |
|                                    | Accessories |                       | 88         |
| <b>Aluminium, Outdoor</b>          |             |                       | <b>234</b> |
| Double wall                        | Combinable  | ECOM                  | 234        |
| Double wall                        | Compact     | EKOM                  | 238        |
| Single wall                        | Compact     | EKOM-SW               | 242        |
|                                    | Accessories |                       | 249        |
| <b>Galvanized Steel, EMC</b>       |             |                       | <b>252</b> |
| Galvanized Steel                   | Combinable  | MCSE                  | 252        |
|                                    | Accessories |                       | 256        |

## 02

## Wall Mounted Enclosures

260

|                                        |                                  |            |            |
|----------------------------------------|----------------------------------|------------|------------|
| <b>Mild Steel</b>                      |                                  |            | <b>262</b> |
|                                        | Single door                      | MAS        | 262        |
|                                        | Double door                      | MAD        | 272        |
|                                        | Panel                            | MAP        | 278        |
|                                        | Accessories                      |            | 300        |
| <b>Stainless Steel</b>                 |                                  |            | <b>282</b> |
|                                        | Single door                      | ASR        | 282        |
|                                        | Double door                      | ADR        | 290        |
|                                        | Single door, Integrated rainhood | AFS        | 294        |
|                                        | Accessories                      |            | 300        |
| <b>Polyester</b>                       |                                  |            | <b>342</b> |
| Compact                                | Plain / Transparent door         | UCP / UCPT | 342        |
|                                        | Accessories                      |            | 348        |
| Modular                                | Plain / Transparent door         | UDP / UDPT | 354        |
|                                        | Accessories                      |            | 360        |
| <b>Stainless Steel Hygienic Design</b> |                                  |            | <b>368</b> |
|                                        | Single door                      | HDW        | 368        |
|                                        | Accessories                      |            | 374        |
| <b>Galvanized Steel, EMC</b>           |                                  |            | <b>374</b> |
| Galvanized Steel                       | Single door                      | MASE       | 374        |
|                                        | Accessories                      |            | 377        |
| Hazardous Location Range               | Single door, Stainless steel     | EXE-WM     | 378        |
|                                        | Accessories                      |            | 379        |

## 03

## Terminal Boxes

386

|                                 |                              |        |            |
|---------------------------------|------------------------------|--------|------------|
| <b>Steel</b>                    |                              |        | <b>388</b> |
|                                 | Mild steel terminal box      | STB    | 388        |
|                                 | Stainless steel terminal box | SSTB   | 390        |
|                                 | Accessories                  |        | 394        |
| <b>Aluminium</b>                |                              |        | <b>398</b> |
|                                 | Aluminium terminal box       | HALP   | 398        |
|                                 | Accessories                  |        | 400        |
| <b>Polyester</b>                |                              |        | <b>402</b> |
|                                 | Polyester terminal box       | MGRP   | 402        |
|                                 | Accessories                  |        | 404        |
| <b>ABS</b>                      |                              |        | <b>406</b> |
|                                 | ABS terminal box             | DABP   | 406        |
|                                 | Accessories                  |        | 409        |
|                                 | ABS small terminal box       | SABP   | 410        |
|                                 | Accessories                  |        | 413        |
|                                 | ABS large terminal box       | OABP   | 414        |
|                                 | Accessories                  |        | 417        |
| <b>Polycarbonate</b>            |                              |        | <b>420</b> |
|                                 | Polycarbonate terminal box   | DPCP   | 420        |
|                                 | Accessories                  |        | 423        |
|                                 | Polycarbonate terminal box   | OPCP   | 424        |
|                                 | Accessories                  |        | 427        |
| <b>Hazardous Location Range</b> |                              |        | <b>430</b> |
|                                 | Stainless steel terminal box | EXE-SB | 430        |
|                                 | Polyester terminal box       | EXE-NB | 431        |

## 04

## Human Machine Interface

432

|                               |                         |      |     |
|-------------------------------|-------------------------|------|-----|
| Mild Steel                    | Mild steel PC enclosure | MCM  | 434 |
|                               | Mild steel console      | MPG  | 438 |
|                               |                         | MPC  | 442 |
|                               | Accessories             |      | 462 |
| Stainless Steel               | Stainless steel console | MPGS | 450 |
|                               |                         | MPCS | 454 |
|                               | Accessories             |      | 462 |
| Swing Arm System              | Control enclosure       | OICE | 468 |
|                               | Accessories             |      | 472 |
|                               | Control panel           | OICP | 474 |
|                               | Accessories             |      | 478 |
| Light/Medium Swing Arm System | Light swing arm system  | S1   | 480 |
|                               | Accessories             |      | 482 |
|                               | Medium swing arm system | S2   | 490 |
|                               | Accessories             |      | 492 |

## 05

## Thermal Management

500

|                             |                                   |                                                |     |
|-----------------------------|-----------------------------------|------------------------------------------------|-----|
| Cooling Units               | Vertical cooling unit             | Slim Fit                                       | 502 |
|                             | Vertical cooling unit             | SpectraCool Narrow                             | 506 |
|                             | Vertical cooling unit             | SpectraCool Indoor/Outdoor SS                  | 508 |
|                             | Vertical cooling unit             | CUVN                                           | 510 |
|                             | Vertical cooling unit             | T-Series                                       | 512 |
|                             | Outdoor cooling unit              | CUON                                           | 514 |
|                             | Outdoor cooling unit              | SpectraCool with advanced corrosion protection | 516 |
|                             | Roof cooling unit                 | CUH                                            | 518 |
|                             | Thermoelectric coolers            | TE                                             | 520 |
| Vortex                      | Vortex cooler                     | BP                                             | 522 |
|                             | High temperature vortex cooler    | HT                                             | 526 |
|                             | Accessories                       |                                                | 528 |
| Air-Water Heat Exchangers   | Vertical                          | PWS                                            | 530 |
|                             | Roof                              | PWD                                            | 532 |
| Hazardous Locations Cooling | Hazardous locations cooling units | NHZ                                            | 534 |
|                             | Hazardous locations vortex cooler | VHL                                            | 536 |
| Ventilation                 | Vertical                          | EF / EFP / EFA / EFAP                          | 538 |
|                             | Roof                              | RFU / REU                                      | 550 |
| Heating & Anticondensation  | Heaters                           | EGK / EHG / ECH / ECHT                         | 558 |
|                             | Fanheaters                        | EGL / EHV / ECR                                | 561 |
|                             | Drain plug                        | EDA / EDAS                                     | 564 |
|                             | Pressure compensation             | DWP/ PVD                                       | 566 |
| Control                     | Thermostat                        | EFR / ETR                                      | 568 |
|                             | Hygrostat                         | ETF                                            | 572 |
| Hazardous Locations Heating | Heaters                           | DAHHL, HLHEAT                                  | 574 |
|                             | Thermostats                       | HLTSTAT, HLTHERMNC                             | 575 |

## 06

## Cable Management

576

|                         |  |     |
|-------------------------|--|-----|
| Cable Glands            |  | 578 |
| Cable Entry Gland Plate |  | 582 |

## 07

## General Accessories

588

|               |  |     |
|---------------|--|-----|
| Lighting      |  | 590 |
| Profiles      |  | 605 |
| Paint         |  | 607 |
| Earthing      |  | 608 |
| Documents     |  | 612 |
| Busbar system |  | 613 |

## 08

## Panel Shop Automation

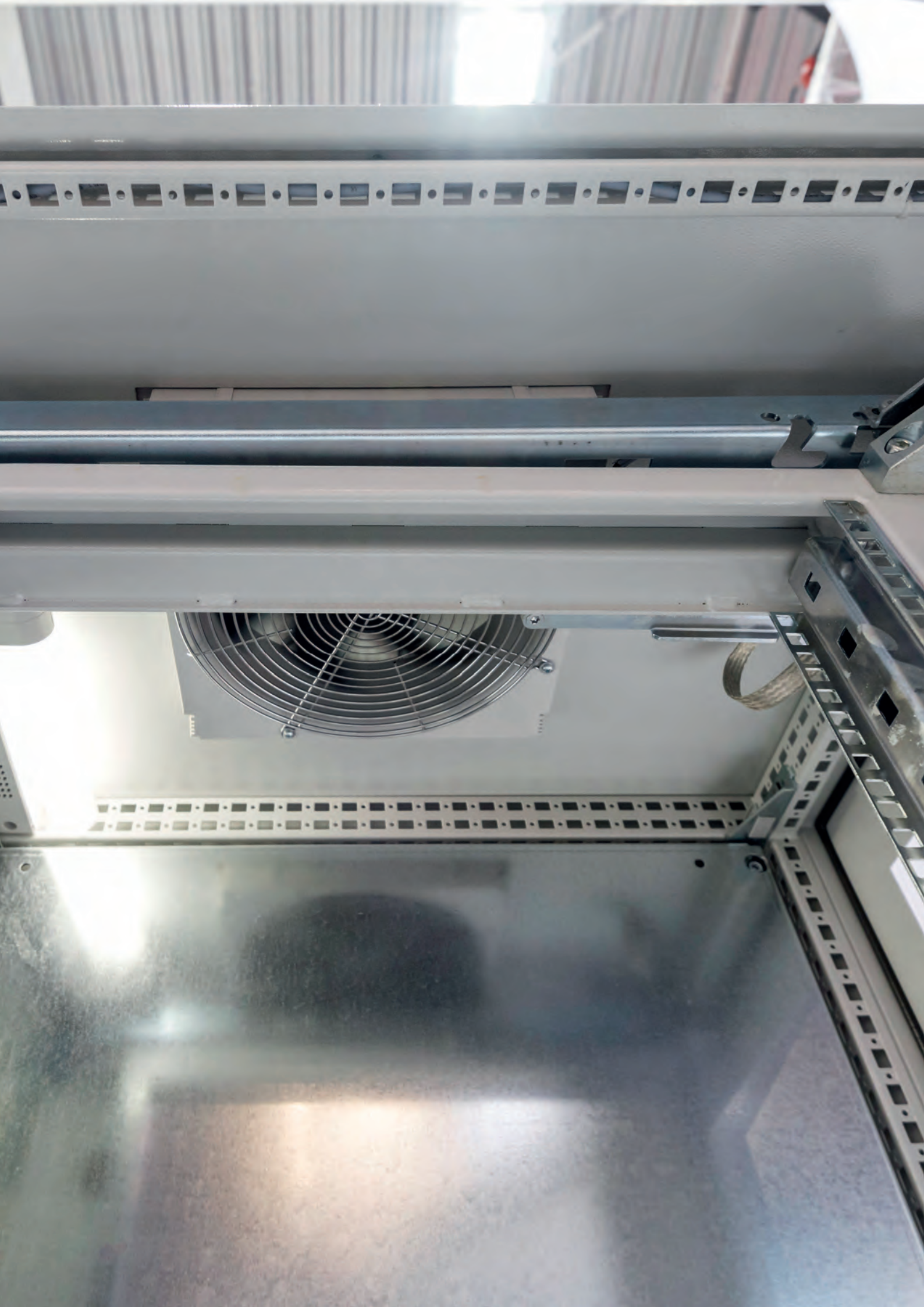
630

|  |                                      |                                |     |
|--|--------------------------------------|--------------------------------|-----|
|  | Enclosure modification centers       | MODCENTER                      | 632 |
|  | Rail and cable duct cutting machines | NC-CUT                         | 634 |
|  | Wire processing machines             | PWA 1000 / PWA 5000 / PWA 6000 | 636 |













# 01

## Floor Standing Enclosures

1

### Mild steel, Indoor

|                                                    |    |
|----------------------------------------------------|----|
| Combinable single/double door, MCS/MCD/MCS-HP..... | 12 |
| Flange mount disconnect, MCF .....                 | 36 |
| 19" ICT rack, MCI .....                            | 42 |
| Compact single/double door, MKS / MKD .....        | 46 |

### Stainless steel, Outdoor

|                                                        |    |
|--------------------------------------------------------|----|
| Combinable single/double door, MCSS/MCDS/MCSS-HP ..... | 60 |
| Compact single/double door, EKSS/EKDS.....             | 76 |

### Aluminium, Outdoor

|                                     |     |
|-------------------------------------|-----|
| Combinable, double wall, ECOM.....  | 234 |
| Compact, double wall, EKOM.....     | 238 |
| Compact, single wall, EKOM-SW ..... | 242 |

### Galvanized steel, EMC

|                         |     |
|-------------------------|-----|
| Single door, MCSE ..... | 252 |
|-------------------------|-----|

### Accessories

|                                                      |            |
|------------------------------------------------------|------------|
| <b>Steel dedicated accessories .....</b>             | <b>88</b>  |
| Mounting plates .....                                | 90         |
| Profiles .....                                       | 102        |
| Modular system .....                                 | 119        |
| 19" mounting .....                                   | 124        |
| Shelves .....                                        | 157        |
| Enclosure fixation.....                              | 160        |
| Full height doors .....                              | 172        |
| Locking .....                                        | 188        |
| Interlocking system .....                            | 200        |
| Partial doors.....                                   | 204        |
| Baying & Lifting.....                                | 212        |
| Thermal.....                                         | 222        |
| Cabling .....                                        | 225        |
| Earthing.....                                        | 231        |
| Protection .....                                     | 233        |
| <b>Aluminium outdoor dedicated accessories .....</b> | <b>249</b> |
| <b>EMC dedicated accessories.....</b>                | <b>256</b> |

# Floor Standing Enclosures

## Steel Range | Mild Steel

### Combinable, single door | MCS

IP 55 | TYPE 12, 13 | IK 10



**Material:**

Frame: 1.5 mm painted steel. Door: 2 mm painted steel. Rear, roof and side panels: 1.5 mm painted steel. Mounting plate: 3 mm galvanized steel. Bottom plates: 1 mm galvanized steel.

**Frame:**

Seam welded reversed open profiles with 25 mm hole pattern, according to DIN 43660. Including integrated external hole pattern.

**Door:**

Mounted with four hinges allowing left or right hand opening. Including door frame with 25 mm hole pattern.

**Rear panel:**

Fitted by M6 torx screws. Standard facilities for rear door mounting.

**Side panels:**

Supplied as an accessory.

**Roof panel:**

Removable.

**Lock:**

Espagnolette 4-point locking system. Does not interfere with the enclosure inner space. Standard double-bit lock with 3 mm insert. Standard inserts, cylinders, lift handles and T-handles are available as accessories.

**Bottom plates:**

Consists of three or four (D>600) pieces.

**Mounting plate:**

Double folded and slides into position. Adjustable in depth by steps of 25 mm, with the MPD02 accessory. Supplied, attached on the outside of the enclosure packaging.

**Earthing:**

All panels are earthed through their fittings and are equipped with a separate earthing stud.

**Finish:**

RAL 7035 structured powder coating.

**Protection:**

Complies with IP 55 | TYPE 12, 13 | IK 10.

**Mounting requirements:**

Standard delivery ready for combined installation. For stand-alone installation add side panels.

**Delivery:**

Frame with fitted door, rear panel, roof panel, bottom plates, mounting plate (not included for PER5 version) and door frame. For 400 mm wide enclosures, a mounting plate, bottom plates and door frame are not included. For enclosures 2200 mm height, delivery includes two CMB profiles mounted in depth. Delivery also includes earthing bolts. Delivered on a pallet which is identical to the width of the enclosure to allow baying without removal. All packing material is recyclable.





# Dimensional table | MCS

## IP 55 | TYPE 12, 13 | IK 10

With mounting plate

| Enclosure dimensions |      |     | Mounting plate dimensions |     | Usable depth | Item no.   |
|----------------------|------|-----|---------------------------|-----|--------------|------------|
| H                    | W    | D   | h                         | w   | d            |            |
| 1800                 | 500  | 500 | 1694                      | 394 | 459          | MCS18055R5 |
| 1800                 | 600  | 400 | 1694                      | 494 | 359          | MCS18064R5 |
| 1800                 | 600  | 500 | 1694                      | 494 | 459          | MCS18065R5 |
| 1800                 | 600  | 600 | 1694                      | 494 | 559          | MCS18066R5 |
| 1800                 | 800  | 400 | 1694                      | 694 | 359          | MCS18084R5 |
| 1800                 | 800  | 500 | 1694                      | 694 | 459          | MCS18085R5 |
| 1800                 | 800  | 600 | 1694                      | 694 | 559          | MCS18086R5 |
| 1800                 | 1000 | 400 | 1694                      | 894 | 359          | MCS18104R5 |
| 1800                 | 1000 | 500 | 1694                      | 894 | 459          | MCS18105R5 |
| 1800                 | 1000 | 600 | 1694                      | 894 | 559          | MCS18106R5 |
| 2000                 | 500  | 500 | 1894                      | 394 | 459          | MCS20055R5 |
| 2000                 | 600  | 400 | 1894                      | 494 | 359          | MCS20064R5 |
| 2000                 | 600  | 500 | 1894                      | 494 | 459          | MCS20065R5 |
| 2000                 | 600  | 600 | 1894                      | 494 | 559          | MCS20066R5 |
| 2000                 | 600  | 800 | 1894                      | 494 | 759          | MCS20068R5 |
| 2000                 | 800  | 400 | 1894                      | 694 | 359          | MCS20084R5 |
| 2000                 | 800  | 500 | 1894                      | 694 | 459          | MCS20085R5 |
| 2000                 | 800  | 600 | 1894                      | 694 | 559          | MCS20086R5 |
| 2000                 | 800  | 800 | 1894                      | 694 | 759          | MCS20088R5 |
| 2000                 | 1000 | 400 | 1894                      | 894 | 359          | MCS20104R5 |
| 2000                 | 1000 | 500 | 1894                      | 894 | 459          | MCS20105R5 |
| 2000                 | 1000 | 600 | 1894                      | 894 | 559          | MCS20106R5 |
| 2000                 | 1000 | 800 | 1894                      | 894 | 759          | MCS20108R5 |
| 2200                 | 600  | 600 | 2094                      | 494 | 559          | MCS22066R5 |
| 2200                 | 600  | 800 | 2094                      | 494 | 759          | MCS22068R5 |
| 2200                 | 800  | 600 | 2094                      | 694 | 559          | MCS22086R5 |
| 2200                 | 800  | 800 | 2094                      | 694 | 759          | MCS22088R5 |

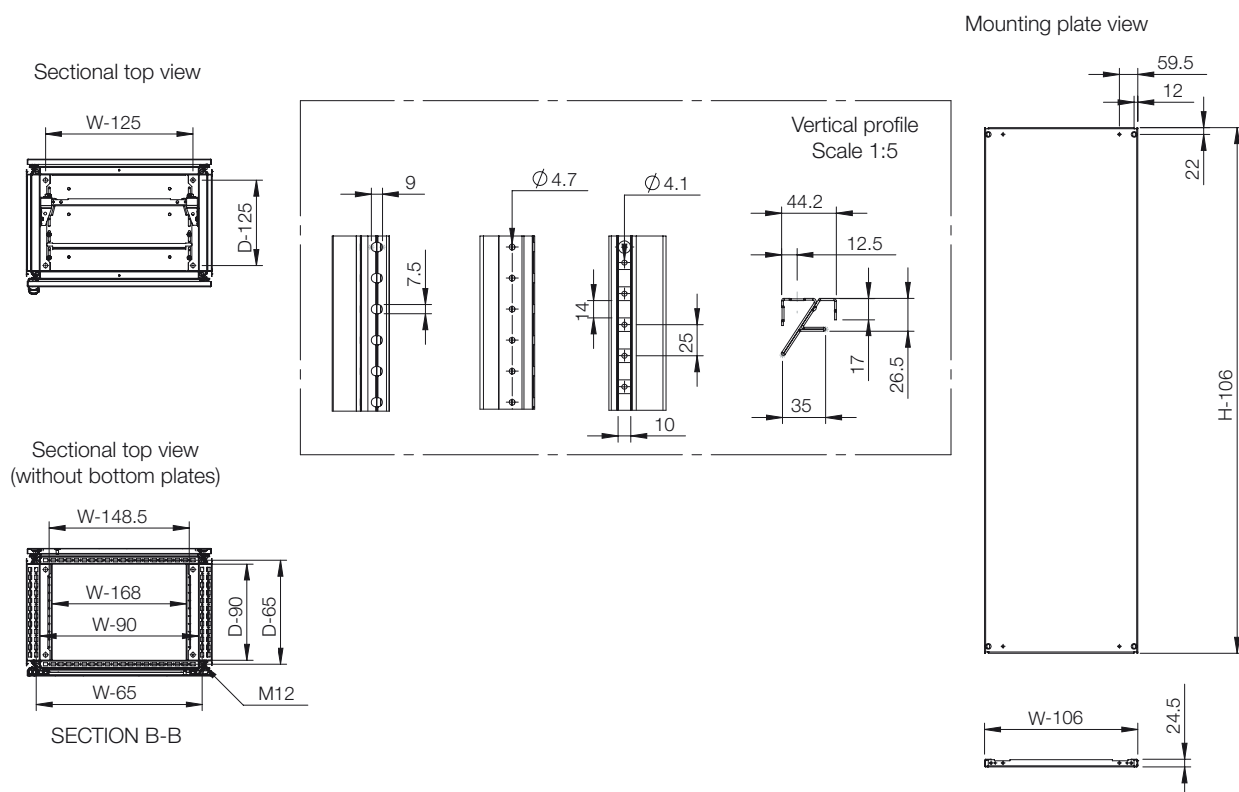
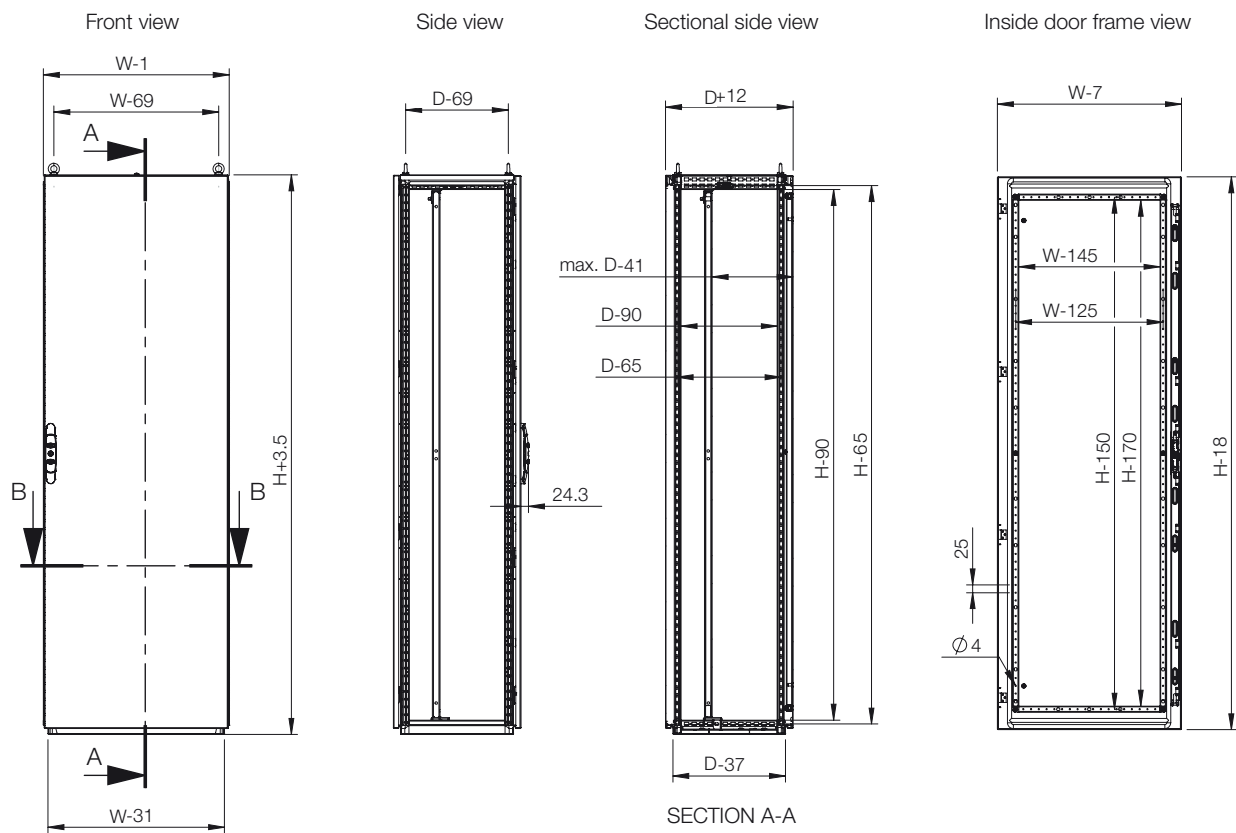
Without mounting plate

| Enclosure dimensions |      |     | Item no.     |
|----------------------|------|-----|--------------|
| H                    | W    | D   |              |
| 1800                 | 500  | 500 | MCS18055PER5 |
| 1800                 | 600  | 400 | MCS18064PER5 |
| 1800                 | 600  | 500 | MCS18065PER5 |
| 1800                 | 600  | 600 | MCS18066PER5 |
| 1800                 | 800  | 400 | MCS18084PER5 |
| 1800                 | 800  | 500 | MCS18085PER5 |
| 1800                 | 800  | 600 | MCS18086PER5 |
| 1800                 | 1000 | 400 | MCS18104PER5 |
| 1800                 | 1000 | 500 | MCS18105PER5 |
| 1800                 | 1000 | 600 | MCS18106PER5 |
| 2000                 | 500  | 500 | MCS20055PER5 |
| 2000                 | 600  | 400 | MCS20064PER5 |
| 2000                 | 600  | 500 | MCS20065PER5 |
| 2000                 | 600  | 600 | MCS20066PER5 |
| 2000                 | 600  | 800 | MCS20068PER5 |
| 2000                 | 800  | 400 | MCS20084PER5 |
| 2000                 | 800  | 500 | MCS20085PER5 |
| 2000                 | 800  | 600 | MCS20086PER5 |
| 2000                 | 800  | 800 | MCS20088PER5 |
| 2000                 | 1000 | 400 | MCS20104PER5 |
| 2000                 | 1000 | 500 | MCS20105PER5 |
| 2000                 | 1000 | 600 | MCS20106PER5 |
| 2000                 | 1000 | 800 | MCS20108PER5 |
| 2200                 | 600  | 600 | MCS22066PER5 |
| 2200                 | 600  | 800 | MCS22068PER5 |
| 2200                 | 800  | 600 | MCS22086PER5 |
| 2200                 | 800  | 800 | MCS22088PER5 |

Cable enclosures: without MP, bottom plates and door frame

| Enclosure dimensions |     |     | Item no.   |
|----------------------|-----|-----|------------|
| H                    | W   | D   |            |
| 1800                 | 400 | 400 | MCS18044R5 |
| 1800                 | 400 | 500 | MCS18045R5 |
| 1800                 | 400 | 600 | MCS18046R5 |
| 2000                 | 400 | 400 | MCS20044R5 |
| 2000                 | 400 | 500 | MCS20045R5 |
| 2000                 | 400 | 600 | MCS20046R5 |
| 2000                 | 400 | 800 | MCS20048R5 |

# Dimensional drawing | MCS



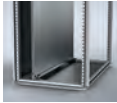
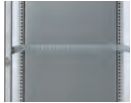
# 01

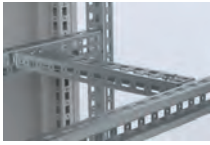
Floor Standing Enclosures



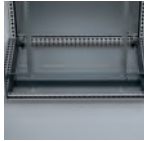


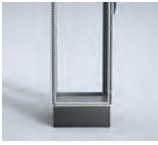
# Accessories selection matrix | MCS

|                    |      |      |     |  |  |  |  |  |  |  |
|--------------------|------|------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Enclosure          |      |      |     | Mounting                                                                          |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
|                    | H    | W    | D   | Mounting plate                                                                    | Wide mounting plate *                                                             | Transversal sliding profiles                                                      | Mounting profile, in H                                                            | Mounting profile, in W                                                              | Outer mounting profile, in W                                                        | Outer mounting profile, in D                                                        |
| MCS18044R5         | 1800 | 400  | 400 | MP1804                                                                            | -                                                                                 | -                                                                                 | CLPF1800                                                                          | CLPF400                                                                             | CLPO400                                                                             | CLPO400                                                                             |
| MCS18045R5         | 1800 | 400  | 500 | MP1804                                                                            | -                                                                                 | -                                                                                 | CLPF1800                                                                          | CLPF400                                                                             | CLPO400                                                                             | CLPO500                                                                             |
| MCS18046R5         | 1800 | 400  | 600 | MP1804                                                                            | -                                                                                 | -                                                                                 | CLPF1800                                                                          | CLPF400                                                                             | CLPO400                                                                             | CLPO600                                                                             |
| MCS18055R5         | 1800 | 500  | 500 | MP1805                                                                            | MPW1805                                                                           | MTS500                                                                            | CLPF1800                                                                          | CLPF500                                                                             | CLPO500                                                                             | CLPO500                                                                             |
| MCS18064R5         | 1800 | 600  | 400 | MP1806                                                                            | MPW1806                                                                           | MTS600                                                                            | CLPF1800                                                                          | CLPF600                                                                             | CLPO600                                                                             | CLPO400                                                                             |
| MCS18065R5         | 1800 | 600  | 500 | MP1806                                                                            | MPW1806                                                                           | MTS600                                                                            | CLPF1800                                                                          | CLPF600                                                                             | CLPO600                                                                             | CLPO500                                                                             |
| MCS18066R5         | 1800 | 600  | 600 | MP1806                                                                            | MPW1806                                                                           | MTS600                                                                            | CLPF1800                                                                          | CLPF600                                                                             | CLPO600                                                                             | CLPO600                                                                             |
| MCS18084R5         | 1800 | 800  | 400 | MP1808                                                                            | MPW1808                                                                           | MTS800                                                                            | CLPF1800                                                                          | CLPF800                                                                             | CLPO800                                                                             | CLPO400                                                                             |
| MCS18085R5         | 1800 | 800  | 500 | MP1808                                                                            | MPW1808                                                                           | MTS800                                                                            | CLPF1800                                                                          | CLPF800                                                                             | CLPO800                                                                             | CLPO500                                                                             |
| MCS18086R5         | 1800 | 800  | 600 | MP1808                                                                            | MPW1808                                                                           | MTS800                                                                            | CLPF1800                                                                          | CLPF800                                                                             | CLPO800                                                                             | CLPO600                                                                             |
| MCS18104R5         | 1800 | 1000 | 400 | MP1810                                                                            | MPW1810                                                                           | MTS1000                                                                           | CLPF1800                                                                          | CLPF1000                                                                            | CLPO1000                                                                            | CLPO400                                                                             |
| MCS18105R5         | 1800 | 1000 | 500 | MP1810                                                                            | MPW1810                                                                           | MTS1000                                                                           | CLPF1800                                                                          | CLPF1000                                                                            | CLPO1000                                                                            | CLPO500                                                                             |
| MCS18106R5         | 1800 | 1000 | 600 | MP1810                                                                            | MPW1810                                                                           | MTS1000                                                                           | CLPF1800                                                                          | CLPF1000                                                                            | CLPO1000                                                                            | CLPO600                                                                             |
| MCS20044R5         | 2000 | 400  | 400 | MP2004                                                                            | -                                                                                 | -                                                                                 | CLPF2000                                                                          | CLPF400                                                                             | CLPO400                                                                             | CLPO400                                                                             |
| MCS20045R5         | 2000 | 400  | 500 | MP2004                                                                            | -                                                                                 | -                                                                                 | CLPF2000                                                                          | CLPF400                                                                             | CLPO400                                                                             | CLPO500                                                                             |
| MCS20046R5         | 2000 | 400  | 600 | MP2004                                                                            | -                                                                                 | -                                                                                 | CLPF2000                                                                          | CLPF400                                                                             | CLPO400                                                                             | CLPO600                                                                             |
| MCS20048R5         | 2000 | 400  | 800 | MP2004                                                                            | -                                                                                 | -                                                                                 | CLPF2000                                                                          | CLPF400                                                                             | CLPO400                                                                             | CLPO800                                                                             |
| MCS20055R5         | 2000 | 500  | 500 | MP2005                                                                            | MPW2005                                                                           | MTS500                                                                            | CLPF2000                                                                          | CLPF500                                                                             | CLPO500                                                                             | CLPO500                                                                             |
| MCS20064R5         | 2000 | 600  | 400 | MP2006                                                                            | MPW2006                                                                           | MTS600                                                                            | CLPF2000                                                                          | CLPF600                                                                             | CLPO600                                                                             | CLPO400                                                                             |
| MCS20065R5         | 2000 | 600  | 500 | MP2006                                                                            | MPW2006                                                                           | MTS600                                                                            | CLPF2000                                                                          | CLPF600                                                                             | CLPO600                                                                             | CLPO500                                                                             |
| MCS20066R5         | 2000 | 600  | 600 | MP2006                                                                            | MPW2006                                                                           | MTS600                                                                            | CLPF2000                                                                          | CLPF600                                                                             | CLPO600                                                                             | CLPO600                                                                             |
| MCS20068R5         | 2000 | 600  | 800 | MP2006                                                                            | MPW2006                                                                           | MTS600                                                                            | CLPF2000                                                                          | CLPF600                                                                             | CLPO600                                                                             | CLPO800                                                                             |
| MCS20084R5         | 2000 | 800  | 400 | MP2008                                                                            | MPW2008                                                                           | MTS800                                                                            | CLPF2000                                                                          | CLPF800                                                                             | CLPO800                                                                             | CLPO400                                                                             |
| MCS20085R5         | 2000 | 800  | 500 | MP2008                                                                            | MPW2008                                                                           | MTS800                                                                            | CLPF2000                                                                          | CLPF800                                                                             | CLPO800                                                                             | CLPO500                                                                             |
| MCS20086R5         | 2000 | 800  | 600 | MP2008                                                                            | MPW2008                                                                           | MTS800                                                                            | CLPF2000                                                                          | CLPF800                                                                             | CLPO800                                                                             | CLPO600                                                                             |
| MCS20088R5         | 2000 | 800  | 800 | MP2008                                                                            | MPW2008                                                                           | MTS800                                                                            | CLPF2000                                                                          | CLPF800                                                                             | CLPO800                                                                             | CLPO800                                                                             |
| MCS20104R5         | 2000 | 1000 | 400 | MP2010                                                                            | MPW2010                                                                           | MTS1000                                                                           | CLPF2000                                                                          | CLPF1000                                                                            | CLPO1000                                                                            | CLPO400                                                                             |
| MCS20105R5         | 2000 | 1000 | 500 | MP2010                                                                            | MPW2010                                                                           | MTS1000                                                                           | CLPF2000                                                                          | CLPF1000                                                                            | CLPO1000                                                                            | CLPO500                                                                             |
| MCS20106R5         | 2000 | 1000 | 600 | MP2010                                                                            | MPW2010                                                                           | MTS1000                                                                           | CLPF2000                                                                          | CLPF1000                                                                            | CLPO1000                                                                            | CLPO600                                                                             |
| MCS20108R5         | 2000 | 1000 | 800 | MP2010                                                                            | MPW2010                                                                           | MTS1000                                                                           | CLPF2000                                                                          | CLPF1000                                                                            | CLPO1000                                                                            | CLPO800                                                                             |
| MCS22066R5         | 2200 | 600  | 600 | MP2206                                                                            | -                                                                                 | MTS600                                                                            | CLPF2200                                                                          | CLPF600                                                                             | CLPO600                                                                             | CLPO600                                                                             |
| MCS22068R5         | 2200 | 600  | 800 | MP2206                                                                            | -                                                                                 | MTS600                                                                            | CLPF2200                                                                          | CLPF600                                                                             | CLPO600                                                                             | CLPO800                                                                             |
| MCS22086R5         | 2200 | 800  | 600 | MP2208                                                                            | -                                                                                 | MTS800                                                                            | CLPF2200                                                                          | CLPF800                                                                             | CLPO800                                                                             | CLPO600                                                                             |
| MCS22088R5         | 2200 | 800  | 800 | MP2208                                                                            | -                                                                                 | MTS800                                                                            | CLPF2200                                                                          | CLPF800                                                                             | CLPO800                                                                             | CLPO800                                                                             |
| * MTS is required. |      |      |     |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |

|            |          |      |     |  |  |  |  |
|------------|----------|------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Enclosure  | Mounting |      |     |                                                                                   |                                                                                   |                                                                                    |                                                                                     |
|            | H        | W    | D   | Mounting profile, in D                                                            | Click in profile, in W                                                            | Click in profile, in D                                                             | Side mounting bar                                                                   |
| MCS18044R5 | 1800     | 400  | 400 | CLPF400                                                                           | CLPK400                                                                           | CLPK400                                                                            | CMB402                                                                              |
| MCS18045R5 | 1800     | 400  | 500 | CLPF500                                                                           | CLPK400                                                                           | CLPK500                                                                            | CMB502                                                                              |
| MCS18046R5 | 1800     | 400  | 600 | CLPF600                                                                           | CLPK400                                                                           | CLPK600                                                                            | CMB602                                                                              |
| MCS18055R5 | 1800     | 500  | 500 | CLPF500                                                                           | CLPK500                                                                           | CLPK500                                                                            | CMB502                                                                              |
| MCS18064R5 | 1800     | 600  | 400 | CLPF400                                                                           | CLPK600                                                                           | CLPK400                                                                            | CMB402                                                                              |
| MCS18065R5 | 1800     | 600  | 500 | CLPF500                                                                           | CLPK600                                                                           | CLPK500                                                                            | CMB502                                                                              |
| MCS18066R5 | 1800     | 600  | 600 | CLPF600                                                                           | CLPK600                                                                           | CLPK600                                                                            | CMB602                                                                              |
| MCS18084R5 | 1800     | 800  | 400 | CLPF400                                                                           | CLPK800                                                                           | CLPK400                                                                            | CMB402                                                                              |
| MCS18085R5 | 1800     | 800  | 500 | CLPF500                                                                           | CLPK800                                                                           | CLPK500                                                                            | CMB502                                                                              |
| MCS18086R5 | 1800     | 800  | 600 | CLPF600                                                                           | CLPK800                                                                           | CLPK600                                                                            | CMB602                                                                              |
| MCS18104R5 | 1800     | 1000 | 400 | CLPF400                                                                           | CLPK1000                                                                          | CLPK400                                                                            | CMB402                                                                              |
| MCS18105R5 | 1800     | 1000 | 500 | CLPF500                                                                           | CLPK1000                                                                          | CLPK500                                                                            | CMB502                                                                              |
| MCS18106R5 | 1800     | 1000 | 600 | CLPF600                                                                           | CLPK1000                                                                          | CLPK600                                                                            | CMB602                                                                              |
| MCS20044R5 | 2000     | 400  | 400 | CLPF400                                                                           | CLPK400                                                                           | CLPK400                                                                            | CMB402                                                                              |
| MCS20045R5 | 2000     | 400  | 500 | CLPF500                                                                           | CLPK400                                                                           | CLPK500                                                                            | CMB502                                                                              |
| MCS20046R5 | 2000     | 400  | 600 | CLPF600                                                                           | CLPK400                                                                           | CLPK600                                                                            | CMB602                                                                              |
| MCS20048R5 | 2000     | 400  | 800 | CLPF800                                                                           | CLPK400                                                                           | CLPK800                                                                            | CMB802                                                                              |
| MCS20055R5 | 2000     | 500  | 500 | CLPF500                                                                           | CLPK500                                                                           | CLPK500                                                                            | CMB502                                                                              |
| MCS20064R5 | 2000     | 600  | 400 | CLPF400                                                                           | CLPK600                                                                           | CLPK400                                                                            | CMB402                                                                              |
| MCS20065R5 | 2000     | 600  | 500 | CLPF500                                                                           | CLPK600                                                                           | CLPK500                                                                            | CMB502                                                                              |
| MCS20066R5 | 2000     | 600  | 600 | CLPF600                                                                           | CLPK600                                                                           | CLPK600                                                                            | CMB602                                                                              |
| MCS20068R5 | 2000     | 600  | 800 | CLPF800                                                                           | CLPK600                                                                           | CLPK800                                                                            | CMB802                                                                              |
| MCS20084R5 | 2000     | 800  | 400 | CLPF400                                                                           | CLPK800                                                                           | CLPK400                                                                            | CMB402                                                                              |
| MCS20085R5 | 2000     | 800  | 500 | CLPF500                                                                           | CLPK800                                                                           | CLPK500                                                                            | CMB502                                                                              |
| MCS20086R5 | 2000     | 800  | 600 | CLPF600                                                                           | CLPK800                                                                           | CLPK600                                                                            | CMB602                                                                              |
| MCS20088R5 | 2000     | 800  | 800 | CLPF800                                                                           | CLPK800                                                                           | CLPK800                                                                            | CMB802                                                                              |
| MCS20104R5 | 2000     | 1000 | 400 | CLPF400                                                                           | CLPK1000                                                                          | CLPK400                                                                            | CMB402                                                                              |
| MCS20105R5 | 2000     | 1000 | 500 | CLPF500                                                                           | CLPK1000                                                                          | CLPK500                                                                            | CMB502                                                                              |
| MCS20106R5 | 2000     | 1000 | 600 | CLPF600                                                                           | CLPK1000                                                                          | CLPK600                                                                            | CMB602                                                                              |
| MCS20108R5 | 2000     | 1000 | 800 | CLPF800                                                                           | CLPK1000                                                                          | CLPK800                                                                            | CMB802                                                                              |
| MCS22066R5 | 2200     | 600  | 600 | CLPF600                                                                           | CLPK600                                                                           | CLPK600                                                                            | CMB602                                                                              |
| MCS22068R5 | 2200     | 600  | 800 | CLPF800                                                                           | CLPK600                                                                           | CLPK800                                                                            | CMB802                                                                              |
| MCS22086R5 | 2200     | 800  | 600 | CLPF600                                                                           | CLPK800                                                                           | CLPK600                                                                            | CMB602                                                                              |
| MCS22088R5 | 2200     | 800  | 800 | CLPF800                                                                           | CLPK800                                                                           | CLPK800                                                                            | CMB802                                                                              |

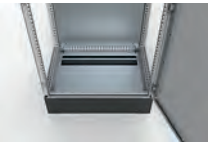
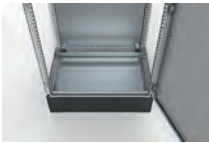
## Accessories selection matrix | MCS

|                                   |      |      |     |  |  |  |  |  |  |
|-----------------------------------|------|------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Enclosure                         |      |      |     | Mounting                                                                          |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
|                                   | H    | W    | D   | Full height swing frame *                                                         | Swing frame middle mounted *                                                      | Swing frame side mounted *                                                        | Swing frame transversal support bars                                               | Mounting profiles (19") **                                                          | Bottom profiles for fixing 19" mounting profiles                                    |
| MCS18044R5                        | 1800 | 400  | 400 | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| MCS18045R5                        | 1800 | 400  | 500 | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| MCS18046R5                        | 1800 | 400  | 600 | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| MCS18055R5                        | 1800 | 500  | 500 | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| MCS18064R5                        | 1800 | 600  | 400 | ESFC366                                                                           | -                                                                                 | -                                                                                 | ESFB06                                                                             | CIP38                                                                               | CIB600                                                                              |
| MCS18065R5                        | 1800 | 600  | 500 | ESFC366                                                                           | -                                                                                 | -                                                                                 | ESFB06                                                                             | CIP38                                                                               | CIB600                                                                              |
| MCS18066R5                        | 1800 | 600  | 600 | ESFC366                                                                           | -                                                                                 | -                                                                                 | ESFB06                                                                             | CIP38                                                                               | CIB600                                                                              |
| MCS18084R5                        | 1800 | 800  | 400 | ESFC366                                                                           | ESFM368                                                                           | ESFS368                                                                           | ESFB08                                                                             | CIP38                                                                               | CIB800                                                                              |
| MCS18085R5                        | 1800 | 800  | 500 | ESFC366                                                                           | ESFM368                                                                           | ESFS368                                                                           | ESFB08                                                                             | CIP38                                                                               | CIB800                                                                              |
| MCS18086R5                        | 1800 | 800  | 600 | ESFC366                                                                           | ESFM368                                                                           | ESFS368                                                                           | ESFB08                                                                             | CIP38                                                                               | CIB800                                                                              |
| MCS18104R5                        | 1800 | 1000 | 400 | ESFC366                                                                           | ESFM368                                                                           | ESFS368                                                                           | ESFB10                                                                             | -                                                                                   | -                                                                                   |
| MCS18105R5                        | 1800 | 1000 | 500 | ESFC366                                                                           | ESFM368                                                                           | ESFS368                                                                           | ESFB10                                                                             | -                                                                                   | -                                                                                   |
| MCS18106R5                        | 1800 | 1000 | 600 | ESFC366                                                                           | ESFM368                                                                           | ESFS368                                                                           | ESFB10                                                                             | -                                                                                   | -                                                                                   |
| MCS20044R5                        | 2000 | 400  | 400 | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| MCS20045R5                        | 2000 | 400  | 500 | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| MCS20046R5                        | 2000 | 400  | 600 | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| MCS20048R5                        | 2000 | 400  | 800 | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| MCS20055R5                        | 2000 | 500  | 500 | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| MCS20064R5                        | 2000 | 600  | 400 | ESFC406                                                                           | -                                                                                 | -                                                                                 | ESFB06                                                                             | CIP42                                                                               | CIB600                                                                              |
| MCS20065R5                        | 2000 | 600  | 500 | ESFC406                                                                           | -                                                                                 | -                                                                                 | ESFB06                                                                             | CIP42                                                                               | CIB600                                                                              |
| MCS20066R5                        | 2000 | 600  | 600 | ESFC406                                                                           | -                                                                                 | -                                                                                 | ESFB06                                                                             | CIP42                                                                               | CIB600                                                                              |
| MCS20068R5                        | 2000 | 600  | 800 | ESFC406                                                                           | -                                                                                 | -                                                                                 | ESFB06                                                                             | CIP42                                                                               | CIB600                                                                              |
| MCS20084R5                        | 2000 | 800  | 400 | ESFC406                                                                           | ESFM408                                                                           | ESFS408                                                                           | ESFB08                                                                             | CIP42                                                                               | CIB800                                                                              |
| MCS20085R5                        | 2000 | 800  | 500 | ESFC406                                                                           | ESFM408                                                                           | ESFS408                                                                           | ESFB08                                                                             | CIP42                                                                               | CIB800                                                                              |
| MCS20086R5                        | 2000 | 800  | 600 | ESFC406                                                                           | ESFM408                                                                           | ESFS408                                                                           | ESFB08                                                                             | CIP42                                                                               | CIB800                                                                              |
| MCS20088R5                        | 2000 | 800  | 800 | ESFC406                                                                           | ESFM408                                                                           | ESFS408                                                                           | ESFB08                                                                             | CIP42                                                                               | CIB800                                                                              |
| MCS20104R5                        | 2000 | 1000 | 400 | ESFC406                                                                           | ESFM408                                                                           | ESFS408                                                                           | ESFB10                                                                             | -                                                                                   | -                                                                                   |
| MCS20105R5                        | 2000 | 1000 | 500 | ESFC406                                                                           | ESFM408                                                                           | ESFS408                                                                           | ESFB10                                                                             | -                                                                                   | -                                                                                   |
| MCS20106R5                        | 2000 | 1000 | 600 | ESFC406                                                                           | ESFM408                                                                           | ESFS408                                                                           | ESFB10                                                                             | -                                                                                   | -                                                                                   |
| MCS20108R5                        | 2000 | 1000 | 800 | ESFC406                                                                           | ESFM408                                                                           | ESFS408                                                                           | ESFB10                                                                             | -                                                                                   | -                                                                                   |
| MCS22066R5                        | 2200 | 600  | 600 | ESFC456                                                                           | -                                                                                 | -                                                                                 | ESFB06                                                                             | CIP47                                                                               | CIB600                                                                              |
| MCS22068R5                        | 2200 | 600  | 800 | ESFC456                                                                           | -                                                                                 | -                                                                                 | ESFB06                                                                             | CIP47                                                                               | CIB600                                                                              |
| MCS22086R5                        | 2200 | 800  | 600 | ESFC456                                                                           | ESFM458                                                                           | ESFS458                                                                           | ESFB08                                                                             | CIP47                                                                               | CIB800                                                                              |
| MCS22088R5                        | 2200 | 800  | 800 | ESFC456                                                                           | ESFM458                                                                           | ESFS458                                                                           | ESFB08                                                                             | CIP47                                                                               | CIB800                                                                              |
| * ESFB is required.               |      |      |     |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
| ** CIB, CID or CIWR are required. |      |      |     |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |

|            |      |      |     |  |  |  |  |  |
|------------|------|------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Enclosure  |      |      |     | Fixing                                                                            |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
|            | H    | W    | D   | Front/rear plinths<br>(100 mm height)                                             | Plinth side panels<br>(100 mm height)                                             | Front/rear plinths<br>(200 mm height)                                              | Plinth side panels<br>(200 mm height)                                               | Ventilated front/rear<br>plinths (100 mm height)                                    |
| MCS18044R5 | 1800 | 400  | 400 | PF1040                                                                            | PS1040                                                                            | PF2040                                                                             | PS2040                                                                              | PV1040                                                                              |
| MCS18045R5 | 1800 | 400  | 500 | PF1040                                                                            | PS1050                                                                            | PF2040                                                                             | PS2050                                                                              | PV1040                                                                              |
| MCS18046R5 | 1800 | 400  | 600 | PF1040                                                                            | PS1060                                                                            | PF2040                                                                             | PS2060                                                                              | PV1040                                                                              |
| MCS18055R5 | 1800 | 500  | 500 | PF1050                                                                            | PS1050                                                                            | PF2050                                                                             | PS2050                                                                              | -                                                                                   |
| MCS18064R5 | 1800 | 600  | 400 | PF1060                                                                            | PS1040                                                                            | PF2060                                                                             | PS2040                                                                              | PV1060                                                                              |
| MCS18065R5 | 1800 | 600  | 500 | PF1060                                                                            | PS1050                                                                            | PF2060                                                                             | PS2050                                                                              | PV1060                                                                              |
| MCS18066R5 | 1800 | 600  | 600 | PF1060                                                                            | PS1060                                                                            | PF2060                                                                             | PS2060                                                                              | PV1060                                                                              |
| MCS18084R5 | 1800 | 800  | 400 | PF1080                                                                            | PS1040                                                                            | PF2080                                                                             | PS2040                                                                              | PV1080                                                                              |
| MCS18085R5 | 1800 | 800  | 500 | PF1080                                                                            | PS1050                                                                            | PF2080                                                                             | PS2050                                                                              | PV1080                                                                              |
| MCS18086R5 | 1800 | 800  | 600 | PF1080                                                                            | PS1060                                                                            | PF2080                                                                             | PS2060                                                                              | PV1080                                                                              |
| MCS18104R5 | 1800 | 1000 | 400 | PF1100                                                                            | PS1040                                                                            | PF2100                                                                             | PS2040                                                                              | PV1100                                                                              |
| MCS18105R5 | 1800 | 1000 | 500 | PF1100                                                                            | PS1050                                                                            | PF2100                                                                             | PS2050                                                                              | PV1100                                                                              |
| MCS18106R5 | 1800 | 1000 | 600 | PF1100                                                                            | PS1060                                                                            | PF2100                                                                             | PS2060                                                                              | PV1100                                                                              |
| MCS20044R5 | 2000 | 400  | 400 | PF1040                                                                            | PS1040                                                                            | PF2040                                                                             | PS2040                                                                              | PV1040                                                                              |
| MCS20045R5 | 2000 | 400  | 500 | PF1040                                                                            | PS1050                                                                            | PF2040                                                                             | PS2050                                                                              | PV1040                                                                              |
| MCS20046R5 | 2000 | 400  | 600 | PF1040                                                                            | PS1060                                                                            | PF2040                                                                             | PS2060                                                                              | PV1040                                                                              |
| MCS20048R5 | 2000 | 400  | 800 | PF1040                                                                            | PS1080                                                                            | PF2040                                                                             | PS2080                                                                              | PV1040                                                                              |
| MCS20055R5 | 2000 | 500  | 500 | PF1050                                                                            | PS1050                                                                            | PF2050                                                                             | PS2050                                                                              | -                                                                                   |
| MCS20064R5 | 2000 | 600  | 400 | PF1060                                                                            | PS1040                                                                            | PF2060                                                                             | PS2040                                                                              | PV1060                                                                              |
| MCS20065R5 | 2000 | 600  | 500 | PF1060                                                                            | PS1050                                                                            | PF2060                                                                             | PS2050                                                                              | PV1060                                                                              |
| MCS20066R5 | 2000 | 600  | 600 | PF1060                                                                            | PS1060                                                                            | PF2060                                                                             | PS2060                                                                              | PV1060                                                                              |
| MCS20068R5 | 2000 | 600  | 800 | PF1060                                                                            | PS1080                                                                            | PF2060                                                                             | PS2080                                                                              | PV1060                                                                              |
| MCS20084R5 | 2000 | 800  | 400 | PF1080                                                                            | PS1040                                                                            | PF2080                                                                             | PS2040                                                                              | PV1080                                                                              |
| MCS20085R5 | 2000 | 800  | 500 | PF1080                                                                            | PS1050                                                                            | PF2080                                                                             | PS2050                                                                              | PV1080                                                                              |
| MCS20086R5 | 2000 | 800  | 600 | PF1080                                                                            | PS1060                                                                            | PF2080                                                                             | PS2060                                                                              | PV1080                                                                              |
| MCS20088R5 | 2000 | 800  | 800 | PF1080                                                                            | PS1080                                                                            | PF2080                                                                             | PS2080                                                                              | PV1080                                                                              |
| MCS20104R5 | 2000 | 1000 | 400 | PF1100                                                                            | PS1040                                                                            | PF2100                                                                             | PS2040                                                                              | PV1100                                                                              |
| MCS20105R5 | 2000 | 1000 | 500 | PF1100                                                                            | PS1050                                                                            | PF2100                                                                             | PS2050                                                                              | PV1100                                                                              |
| MCS20106R5 | 2000 | 1000 | 600 | PF1100                                                                            | PS1060                                                                            | PF2100                                                                             | PS2060                                                                              | PV1100                                                                              |
| MCS20108R5 | 2000 | 1000 | 800 | PF1100                                                                            | PS1080                                                                            | PF2100                                                                             | PS2080                                                                              | PV1100                                                                              |
| MCS22066R5 | 2200 | 600  | 600 | PF1060                                                                            | PS1060                                                                            | PF2060                                                                             | PS2060                                                                              | PV1060                                                                              |
| MCS22068R5 | 2200 | 600  | 800 | PF1060                                                                            | PS1080                                                                            | PF2060                                                                             | PS2080                                                                              | PV1060                                                                              |
| MCS22086R5 | 2200 | 800  | 600 | PF1080                                                                            | PS1060                                                                            | PF2080                                                                             | PS2060                                                                              | PV1080                                                                              |
| MCS22088R5 | 2200 | 800  | 800 | PF1080                                                                            | PS1080                                                                            | PF2080                                                                             | PS2080                                                                              | PV1080                                                                              |



## Accessories selection matrix | MCS

|            |      |      |     |  |  |  |  |
|------------|------|------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Enclosure  |      |      |     | Thermal                                                                           | Cable                                                                             |                                                                                    |                                                                                     |
|            | H    | W    | D   | Ventilated roof                                                                   | Cable fixing bar (mounted below bottom plates)                                    | Cable fixing bar (mounted above bottom plates)                                     | Ventilated bottom plates                                                            |
| MCS18044R5 | 1800 | 400  | 400 | -                                                                                 | CABP400                                                                           | CAB400                                                                             | -                                                                                   |
| MCS18045R5 | 1800 | 400  | 500 | -                                                                                 | CABP400                                                                           | CAB400                                                                             | -                                                                                   |
| MCS18046R5 | 1800 | 400  | 600 | -                                                                                 | CABP400                                                                           | CAB400                                                                             | -                                                                                   |
| MCS18055R5 | 1800 | 500  | 500 | CVR0505R5                                                                         | CABP500                                                                           | -                                                                                  | -                                                                                   |
| MCS18064R5 | 1800 | 600  | 400 | CVR0604R5                                                                         | CABP600                                                                           | CAB600                                                                             | CVB0604                                                                             |
| MCS18065R5 | 1800 | 600  | 500 | CVR0605R5                                                                         | CABP600                                                                           | CAB600                                                                             | CVB0605                                                                             |
| MCS18066R5 | 1800 | 600  | 600 | CVR0606R5                                                                         | CABP600                                                                           | CAB600                                                                             | CVB0606                                                                             |
| MCS18084R5 | 1800 | 800  | 400 | CVR0804R5                                                                         | CABP800                                                                           | CAB800                                                                             | CVB0804                                                                             |
| MCS18085R5 | 1800 | 800  | 500 | CVR0805R5                                                                         | CABP800                                                                           | CAB800                                                                             | CVB0805                                                                             |
| MCS18086R5 | 1800 | 800  | 600 | CVR0806R5                                                                         | CABP800                                                                           | CAB800                                                                             | CVB0806                                                                             |
| MCS18104R5 | 1800 | 1000 | 400 | CVR1004R5                                                                         | CABP1000                                                                          | CAB1000                                                                            | CVB1004                                                                             |
| MCS18105R5 | 1800 | 1000 | 500 | CVR1005R5                                                                         | CABP1000                                                                          | CAB1000                                                                            | CVB1005                                                                             |
| MCS18106R5 | 1800 | 1000 | 600 | CVR1006R5                                                                         | CABP1000                                                                          | CAB1000                                                                            | CVB1006                                                                             |
| MCS20044R5 | 2000 | 400  | 400 | -                                                                                 | CABP400                                                                           | CAB400                                                                             | -                                                                                   |
| MCS20045R5 | 2000 | 400  | 500 | -                                                                                 | CABP400                                                                           | CAB400                                                                             | -                                                                                   |
| MCS20046R5 | 2000 | 400  | 600 | -                                                                                 | CABP400                                                                           | CAB400                                                                             | -                                                                                   |
| MCS20048R5 | 2000 | 400  | 800 | -                                                                                 | CABP400                                                                           | CAB400                                                                             | -                                                                                   |
| MCS20055R5 | 2000 | 500  | 500 | CVR0505R5                                                                         | CABP500                                                                           | -                                                                                  | -                                                                                   |
| MCS20064R5 | 2000 | 600  | 400 | CVR0604R5                                                                         | CABP600                                                                           | CAB600                                                                             | CVB0604                                                                             |
| MCS20065R5 | 2000 | 600  | 500 | CVR0605R5                                                                         | CABP600                                                                           | CAB600                                                                             | CVB0605                                                                             |
| MCS20066R5 | 2000 | 600  | 600 | CVR0606R5                                                                         | CABP600                                                                           | CAB600                                                                             | CVB0606                                                                             |
| MCS20068R5 | 2000 | 600  | 800 | CVR0608R5                                                                         | CABP600                                                                           | CAB600                                                                             | CVB0608                                                                             |
| MCS20084R5 | 2000 | 800  | 400 | CVR0804R5                                                                         | CABP800                                                                           | CAB800                                                                             | CVB0804                                                                             |
| MCS20085R5 | 2000 | 800  | 500 | CVR0805R5                                                                         | CABP800                                                                           | CAB800                                                                             | CVB0805                                                                             |
| MCS20086R5 | 2000 | 800  | 600 | CVR0806R5                                                                         | CABP800                                                                           | CAB800                                                                             | CVB0806                                                                             |
| MCS20088R5 | 2000 | 800  | 800 | CVR0808R5                                                                         | CABP800                                                                           | CAB800                                                                             | CVB0808                                                                             |
| MCS20104R5 | 2000 | 1000 | 400 | CVR1004R5                                                                         | CABP1000                                                                          | CAB1000                                                                            | CVB1004                                                                             |
| MCS20105R5 | 2000 | 1000 | 500 | CVR1005R5                                                                         | CABP1000                                                                          | CAB1000                                                                            | CVB1005                                                                             |
| MCS20106R5 | 2000 | 1000 | 600 | CVR1006R5                                                                         | CABP1000                                                                          | CAB1000                                                                            | CVB1006                                                                             |
| MCS20108R5 | 2000 | 1000 | 800 | CVR1008R5                                                                         | CABP1000                                                                          | CAB1000                                                                            | CVB1008                                                                             |
| MCS22066R5 | 2200 | 600  | 600 | CVR0606R5                                                                         | CABP600                                                                           | CAB600                                                                             | CVB0606                                                                             |
| MCS22068R5 | 2200 | 600  | 800 | CVR0608R5                                                                         | CABP600                                                                           | CAB600                                                                             | CVB0608                                                                             |
| MCS22086R5 | 2200 | 800  | 600 | CVR0806R5                                                                         | CABP800                                                                           | CAB800                                                                             | CVB0806                                                                             |
| MCS22088R5 | 2200 | 800  | 800 | CVR0808R5                                                                         | CABP800                                                                           | CAB800                                                                             | CVB0808                                                                             |

|            |      |      |     |  |  |  |  |  |
|------------|------|------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Enclosure  |      |      |     | Doors                                                                             |                                                                                   |                                                                                    | Baying                                                                              |                                                                                     |
|            | H    | W    | D   | Plain door *                                                                      | Glazed door *                                                                     | Inner door                                                                         | Side panels                                                                         | Segregation plate **                                                                |
| MCS18044R5 | 1800 | 400  | 400 | -                                                                                 | -                                                                                 | -                                                                                  | SPM1804R5                                                                           | SPD1804                                                                             |
| MCS18045R5 | 1800 | 400  | 500 | -                                                                                 | -                                                                                 | -                                                                                  | SPM1805R5                                                                           | SPD1805                                                                             |
| MCS18046R5 | 1800 | 400  | 600 | -                                                                                 | -                                                                                 | -                                                                                  | SPM1806R5                                                                           | SPD1806                                                                             |
| MCS18055R5 | 1800 | 500  | 500 | DN1805R5                                                                          | -                                                                                 | -                                                                                  | SPM1805R5                                                                           | SPD1805                                                                             |
| MCS18064R5 | 1800 | 600  | 400 | DN1806R5                                                                          | DNG1806R5                                                                         | DI1806R5                                                                           | SPM1804R5                                                                           | SPD1804                                                                             |
| MCS18065R5 | 1800 | 600  | 500 | DN1806R5                                                                          | DNG1806R5                                                                         | DI1806R5                                                                           | SPM1805R5                                                                           | SPD1805                                                                             |
| MCS18066R5 | 1800 | 600  | 600 | DN1806R5                                                                          | DNG1806R5                                                                         | DI1806R5                                                                           | SPM1806R5                                                                           | SPD1806                                                                             |
| MCS18084R5 | 1800 | 800  | 400 | DN1808R5                                                                          | DNG1808R5                                                                         | DI1808R5                                                                           | SPM1804R5                                                                           | SPD1804                                                                             |
| MCS18085R5 | 1800 | 800  | 500 | DN1808R5                                                                          | DNG1808R5                                                                         | DI1808R5                                                                           | SPM1805R5                                                                           | SPD1805                                                                             |
| MCS18086R5 | 1800 | 800  | 600 | DN1808R5                                                                          | DNG1808R5                                                                         | DI1808R5                                                                           | SPM1806R5                                                                           | SPD1806                                                                             |
| MCS18104R5 | 1800 | 1000 | 400 | DN1810R5                                                                          | -                                                                                 | -                                                                                  | SPM1804R5                                                                           | SPD1804                                                                             |
| MCS18105R5 | 1800 | 1000 | 500 | DN1810R5                                                                          | -                                                                                 | -                                                                                  | SPM1805R5                                                                           | SPD1805                                                                             |
| MCS18106R5 | 1800 | 1000 | 600 | DN1810R5                                                                          | -                                                                                 | -                                                                                  | SPM1806R5                                                                           | SPD1806                                                                             |
| MCS20044R5 | 2000 | 400  | 400 | -                                                                                 | -                                                                                 | -                                                                                  | SPM2004R5                                                                           | SPD2004                                                                             |
| MCS20045R5 | 2000 | 400  | 500 | -                                                                                 | -                                                                                 | -                                                                                  | SPM2005R5                                                                           | SPD2005                                                                             |
| MCS20046R5 | 2000 | 400  | 600 | -                                                                                 | -                                                                                 | -                                                                                  | SPM2006R5                                                                           | SPD2006                                                                             |
| MCS20048R5 | 2000 | 400  | 800 | -                                                                                 | -                                                                                 | -                                                                                  | SPM2008R5                                                                           | SPD2008                                                                             |
| MCS20055R5 | 2000 | 500  | 500 | DN2005R5                                                                          | -                                                                                 | -                                                                                  | SPM2005R5                                                                           | SPD2005                                                                             |
| MCS20064R5 | 2000 | 600  | 400 | DN2006R5                                                                          | DNG2006R5                                                                         | DI2006R5                                                                           | SPM2004R5                                                                           | SPD2004                                                                             |
| MCS20065R5 | 2000 | 600  | 500 | DN2006R5                                                                          | DNG2006R5                                                                         | DI2006R5                                                                           | SPM2005R5                                                                           | SPD2005                                                                             |
| MCS20066R5 | 2000 | 600  | 600 | DN2006R5                                                                          | DNG2006R5                                                                         | DI2006R5                                                                           | SPM2006R5                                                                           | SPD2006                                                                             |
| MCS20068R5 | 2000 | 600  | 800 | DN2006R5                                                                          | DNG2006R5                                                                         | DI2006R5                                                                           | SPM2008R5                                                                           | SPD2008                                                                             |
| MCS20084R5 | 2000 | 800  | 400 | DN2008R5                                                                          | DNG2008R5                                                                         | DI2008R5                                                                           | SPM2004R5                                                                           | SPD2004                                                                             |
| MCS20085R5 | 2000 | 800  | 500 | DN2008R5                                                                          | DNG2008R5                                                                         | DI2008R5                                                                           | SPM2005R5                                                                           | SPD2005                                                                             |
| MCS20086R5 | 2000 | 800  | 600 | DN2008R5                                                                          | DNG2008R5                                                                         | DI2008R5                                                                           | SPM2006R5                                                                           | SPD2006                                                                             |
| MCS20088R5 | 2000 | 800  | 800 | DN2008R5                                                                          | DNG2008R5                                                                         | DI2008R5                                                                           | SPM2008R5                                                                           | SPD2008                                                                             |
| MCS20104R5 | 2000 | 1000 | 400 | DN2010R5                                                                          | -                                                                                 | -                                                                                  | SPM2004R5                                                                           | SPD2004                                                                             |
| MCS20105R5 | 2000 | 1000 | 500 | DN2010R5                                                                          | -                                                                                 | -                                                                                  | SPM2005R5                                                                           | SPD2005                                                                             |
| MCS20106R5 | 2000 | 1000 | 600 | DN2010R5                                                                          | -                                                                                 | -                                                                                  | SPM2006R5                                                                           | SPD2006                                                                             |
| MCS20108R5 | 2000 | 1000 | 800 | DN2010R5                                                                          | -                                                                                 | -                                                                                  | SPM2008R5                                                                           | SPD2008                                                                             |
| MCS22066R5 | 2200 | 600  | 600 | DN2206R5                                                                          | DNG2206R5                                                                         | DI2206R5                                                                           | SPM2206R5                                                                           | SPD2206                                                                             |
| MCS22068R5 | 2200 | 600  | 800 | DN2206R5                                                                          | DNG2206R5                                                                         | DI2206R5                                                                           | SPM2208R5                                                                           | SPD2208                                                                             |
| MCS22086R5 | 2200 | 800  | 600 | DN2208R5                                                                          | DNG2208R5                                                                         | DI2208R5                                                                           | SPM2206R5                                                                           | SPD2206                                                                             |
| MCS22088R5 | 2200 | 800  | 800 | DN2208R5                                                                          | DNG2208R5                                                                         | DI2208R5                                                                           | SPM2208R5                                                                           | SPD2208                                                                             |

\* DNMK is required for additional door.  
\*\* CCJ is required.

# Floor Standing Enclosures

## Steel Range | Mild Steel

### Combinable, double door | MCD

IP 55 | TYPE 12, 13 | IK 10



**Material:**

Frame: 1.5 mm painted steel. Doors: 2 mm painted steel. Rear, roof and side panels: 1.5 mm painted steel. Mounting plate: 3 mm galvanized steel. Bottom plates: 1 mm galvanized steel.

**Frame:**

Seam welded reversed open profiles with 25 mm hole pattern, according to DIN 43660. Including integrated external hole pattern.

**Doors:**

Mounted with four hinges. Including door frame with 25 mm hole pattern. Doors cannot be reversed. Separate doors to be ordered for left hand door locking.

**Rear panel:**

Fitted by M6 torx screws. Standard facilities for rear doors mounting. Split rear panels in 1600 mm wide enclosures.

**Side panels:**

Supplied as an accessory.

**Roof panel:**

Removable.

**Lock:**

Espagnolette 4-point locking system in the main door and 2-point locking system in the slave door. Standard double-bit lock with 3 mm insert. Standard inserts, cylinders, lift handles and T-handles are available as accessories.

**Bottom plates:**

Consists of three or four (D>600) pieces.

**Mounting plate:**

Double folded and slides into position. Adjustable in depth by steps of 25 mm, with the MPD02 accessory. Supplied, attached on the outside of the enclosure packaging.

**Earthing:**

All panels are earthed through their fittings and equipped with a separate earthing stud.

**Finish:**

RAL 7035 structured powder coating.

**Protection:**

Complies with IP55 | TYPE 12, 13 | IK 10.

**Mounting requirements:**

Standard delivery ready for combined installation. For stand-alone installation add side panels.

**Delivery:**

Frame with fitted doors, rear panel, roof panel, bottom plates, mounting plate and door frame (not included for PER5 version). For enclosures 2200 mm height, delivery includes two CMB profiles mounted in depth. Delivery also includes earthing bolts. Delivered on a pallet which is identical to the width of the enclosure to allow bayging without removal. Packing material is recyclable.





## Dimensional table | MCD

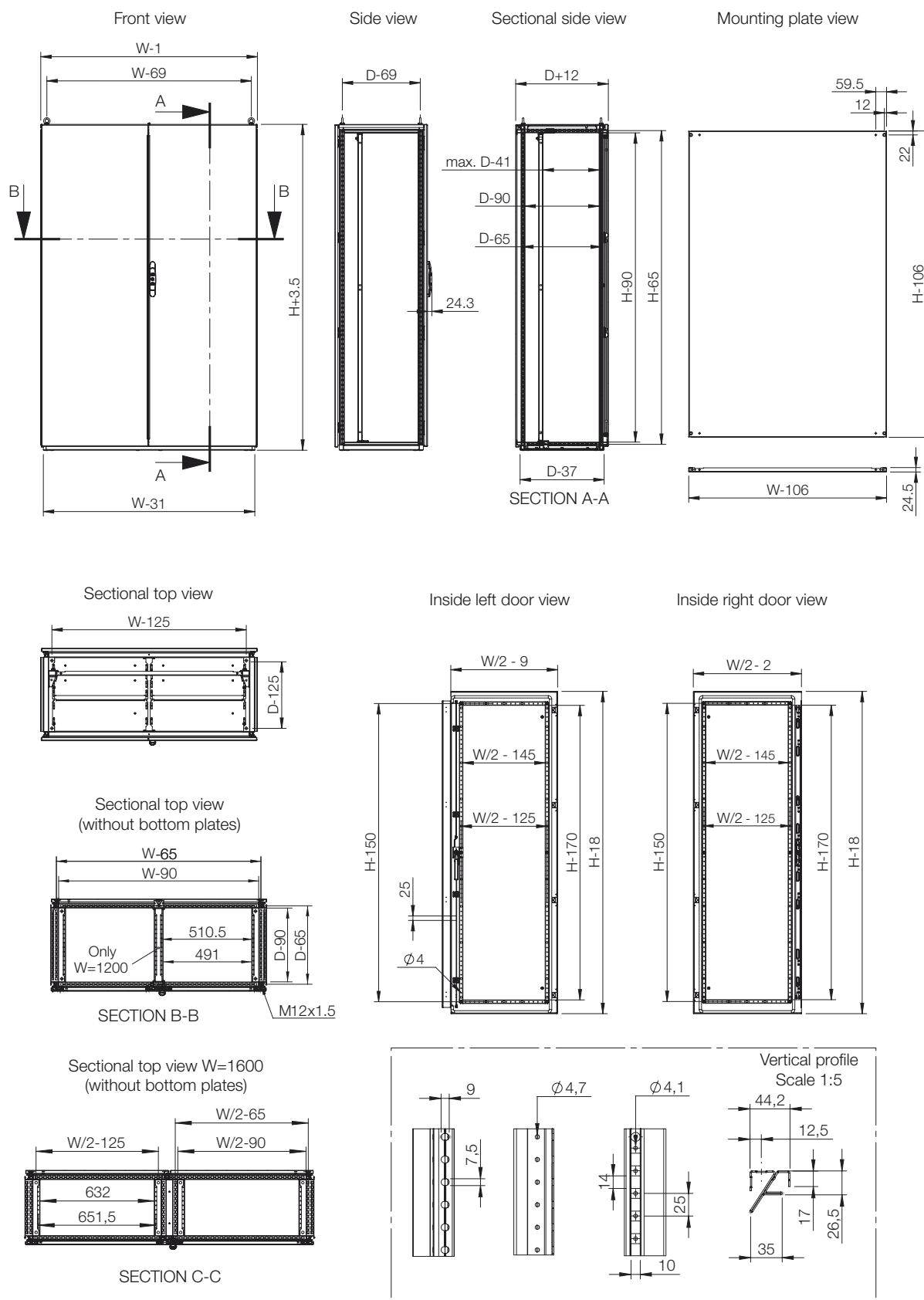
### IP 55 | TYPE 12, 13 | IK 10

With mounting plate

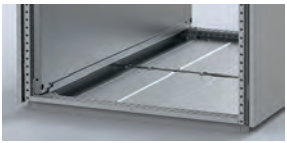
| Enclosure dimensions |      |     | Mounting plate dimensions |      | Usable depth | Item no.   |
|----------------------|------|-----|---------------------------|------|--------------|------------|
| H                    | W    | D   | h                         | w    | d            |            |
| 1800                 | 800  | 500 | 1694                      | 694  | 459          | MCD18085R5 |
| 1800                 | 1000 | 400 | 1694                      | 894  | 359          | MCD18104R5 |
| 1800                 | 1000 | 500 | 1694                      | 894  | 459          | MCD18105R5 |
| 1800                 | 1200 | 400 | 1694                      | 1094 | 359          | MCD18124R5 |
| 1800                 | 1200 | 500 | 1694                      | 1094 | 459          | MCD18125R5 |
| 1800                 | 1200 | 600 | 1694                      | 1094 | 559          | MCD18126R5 |
| 1800                 | 1600 | 400 | 1694                      | 1494 | 359          | MCD18164R5 |
| 2000                 | 800  | 500 | 1894                      | 694  | 459          | MCD20085R5 |
| 2000                 | 1000 | 400 | 1894                      | 894  | 359          | MCD20104R5 |
| 2000                 | 1000 | 500 | 1894                      | 894  | 459          | MCD20105R5 |
| 2000                 | 1000 | 600 | 1894                      | 894  | 559          | MCD20106R5 |
| 2000                 | 1000 | 800 | 1894                      | 894  | 759          | MCD20108R5 |
| 2000                 | 1200 | 400 | 1894                      | 1094 | 359          | MCD20124R5 |
| 2000                 | 1200 | 500 | 1894                      | 1094 | 459          | MCD20125R5 |
| 2000                 | 1200 | 600 | 1894                      | 1094 | 559          | MCD20126R5 |
| 2000                 | 1200 | 800 | 1894                      | 1094 | 759          | MCD20128R5 |
| 2000                 | 1600 | 400 | 1894                      | 1494 | 359          | MCD20164R5 |
| 2000                 | 1600 | 500 | 1894                      | 1494 | 459          | MCD20165R5 |
| 2000                 | 1600 | 600 | 1894                      | 1494 | 559          | MCD20166R5 |
| 2200                 | 1000 | 600 | 2094                      | 894  | 559          | MCD22106R5 |
| 2200                 | 1200 | 600 | 2094                      | 1094 | 559          | MCD22126R5 |

Without mounting plate

| Enclosure dimensions |      |     | Item no.     |
|----------------------|------|-----|--------------|
| H                    | W    | D   |              |
| 1800                 | 800  | 500 | MCD18085PER5 |
| 1800                 | 1000 | 400 | MCD18104PER5 |
| 1800                 | 1000 | 500 | MCD18105PER5 |
| 1800                 | 1200 | 400 | MCD18124PER5 |
| 1800                 | 1200 | 500 | MCD18125PER5 |
| 1800                 | 1200 | 600 | MCD18126PER5 |
| 1800                 | 1600 | 400 | MCD18164PER5 |
| 2000                 | 800  | 500 | MCD20085PER5 |
| 2000                 | 1000 | 400 | MCD20104PER5 |
| 2000                 | 1000 | 500 | MCD20105PER5 |
| 2000                 | 1000 | 600 | MCD20106PER5 |
| 2000                 | 1000 | 800 | MCD20108PER5 |
| 2000                 | 1200 | 400 | MCD20124PER5 |
| 2000                 | 1200 | 500 | MCD20125PER5 |
| 2000                 | 1200 | 600 | MCD20126PER5 |
| 2000                 | 1200 | 800 | MCD20128PER5 |
| 2000                 | 1600 | 400 | MCD20164PER5 |
| 2000                 | 1600 | 500 | MCD20165PER5 |
| 2000                 | 1600 | 600 | MCD20166PER5 |
| 2200                 | 1000 | 600 | MCD22106PER5 |
| 2200                 | 1200 | 600 | MCD22126PER5 |

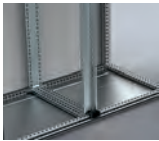
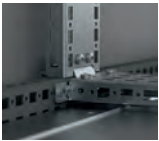


## Accessories selection matrix | MCD

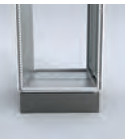
|            |      |      |     |  |  |  |
|------------|------|------|-----|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Enclosure  |      |      |     | Mounting                                                                          |                                                                                    |                                                                                     |
|            | H    | W    | D   | Mounting plate                                                                    | Wide mounting plate *                                                              | Transversal sliding profiles                                                        |
| MCD18085R5 | 1800 | 800  | 500 | MP1808                                                                            | MPW1808                                                                            | MTS800                                                                              |
| MCD18104R5 | 1800 | 1000 | 400 | MP1810                                                                            | MPW1810                                                                            | MTS1000                                                                             |
| MCD18105R5 | 1800 | 1000 | 500 | MP1810                                                                            | MPW1810                                                                            | MTS1000                                                                             |
| MCD18124R5 | 1800 | 1200 | 400 | MP1812                                                                            | MPW1812                                                                            | MTS1200                                                                             |
| MCD18125R5 | 1800 | 1200 | 500 | MP1812                                                                            | MPW1812                                                                            | MTS1200                                                                             |
| MCD18126R5 | 1800 | 1200 | 600 | MP1812                                                                            | MPW1812                                                                            | MTS1200                                                                             |
| MCD18164R5 | 1800 | 1600 | 400 | MP1816                                                                            | MPW1816                                                                            | MTS1600                                                                             |
| MCD20085R5 | 2000 | 800  | 500 | MP2008                                                                            | MPW2008                                                                            | MTS800                                                                              |
| MCD20104R5 | 2000 | 1000 | 400 | MP2010                                                                            | MPW2010                                                                            | MTS1000                                                                             |
| MCD20105R5 | 2000 | 1000 | 500 | MP2010                                                                            | MPW2010                                                                            | MTS1000                                                                             |
| MCD20106R5 | 2000 | 1000 | 600 | MP2010                                                                            | MPW2010                                                                            | MTS1000                                                                             |
| MCD20108R5 | 2000 | 1000 | 800 | MP2010                                                                            | MPW2010                                                                            | MTS1000                                                                             |
| MCD20124R5 | 2000 | 1200 | 400 | MP2012                                                                            | MPW2012                                                                            | MTS1200                                                                             |
| MCD20125R5 | 2000 | 1200 | 500 | MP2012                                                                            | MPW2012                                                                            | MTS1200                                                                             |
| MCD20126R5 | 2000 | 1200 | 600 | MP2012                                                                            | MPW2012                                                                            | MTS1200                                                                             |
| MCD20128R5 | 2000 | 1200 | 800 | MP2012                                                                            | MPW2012                                                                            | MTS1200                                                                             |
| MCD20164R5 | 2000 | 1600 | 400 | MP2016                                                                            | MPW2016                                                                            | MTS1600                                                                             |
| MCD20165R5 | 2000 | 1600 | 500 | MP2016                                                                            | MPW2016                                                                            | MTS1600                                                                             |
| MCD20166R5 | 2000 | 1600 | 600 | MP2016                                                                            | MPW2016                                                                            | MTS1600                                                                             |
| MCD22106R5 | 2200 | 1000 | 600 | MP2210                                                                            | -                                                                                  | -                                                                                   |
| MCD22126R5 | 2200 | 1200 | 600 | MP2212                                                                            | -                                                                                  | -                                                                                   |

\* MTS is required.

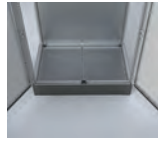
|            |      |      |     |  |  |  |  |  |  |  |  |
|------------|------|------|-----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Enclosure  |      |      |     | Mounting                                                                            |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
|            | H    | W    | D   | Mounting profile, in H                                                              | Mounting profile, in W                                                              | Mounting profile, in D                                                              | Click in profile, in W                                                              | Click in profile, in D                                                               | Side mounting bar                                                                     | Outer mounting profile, in W                                                          | Outer mounting profile, in D                                                          |
| MCD18085R5 | 1800 | 800  | 500 | CLPF1800                                                                            | CLPF800                                                                             | CLPF500                                                                             | CLPK800                                                                             | CLPK500                                                                              | CMB502                                                                                | CLPO800                                                                               | CLPO500                                                                               |
| MCD18104R5 | 1800 | 1000 | 400 | CLPF1800                                                                            | CLPF1000                                                                            | CLPF400                                                                             | CLPK1000                                                                            | CLPK400                                                                              | CMB402                                                                                | CLPO1000                                                                              | CLPO400                                                                               |
| MCD18105R5 | 1800 | 1000 | 500 | CLPF1800                                                                            | CLPF1000                                                                            | CLPF500                                                                             | CLPK1000                                                                            | CLPK500                                                                              | CMB502                                                                                | CLPO1000                                                                              | CLPO500                                                                               |
| MCD18124R5 | 1800 | 1200 | 400 | CLPF1800                                                                            | CLPF1200                                                                            | CLPF400                                                                             | CLPK1200                                                                            | CLPK400                                                                              | CMB402                                                                                | CLPO1200                                                                              | CLPO400                                                                               |
| MCD18125R5 | 1800 | 1200 | 500 | CLPF1800                                                                            | CLPF1200                                                                            | CLPF500                                                                             | CLPK1200                                                                            | CLPK500                                                                              | CMB502                                                                                | CLPO1200                                                                              | CLPO500                                                                               |
| MCD18126R5 | 1800 | 1200 | 600 | CLPF1800                                                                            | CLPF1200                                                                            | CLPF600                                                                             | CLPK1200                                                                            | CLPK600                                                                              | CMB602                                                                                | CLPO1200                                                                              | CLPO600                                                                               |
| MCD18164R5 | 1800 | 1600 | 400 | CLPF1800                                                                            | CLPF1600                                                                            | CLPF400                                                                             | -                                                                                   | CLPK400                                                                              | CMB402                                                                                | -                                                                                     | CLPO400                                                                               |
| MCD20085R5 | 2000 | 800  | 500 | CLPF2000                                                                            | CLPF800                                                                             | CLPF500                                                                             | CLPK800                                                                             | CLPK500                                                                              | CMB502                                                                                | CLPO800                                                                               | CLPO500                                                                               |
| MCD20104R5 | 2000 | 1000 | 400 | CLPF2000                                                                            | CLPF1000                                                                            | CLPF400                                                                             | CLPK1000                                                                            | CLPK400                                                                              | CMB402                                                                                | CLPO1000                                                                              | CLPO400                                                                               |
| MCD20105R5 | 2000 | 1000 | 500 | CLPF2000                                                                            | CLPF1000                                                                            | CLPF500                                                                             | CLPK1000                                                                            | CLPK500                                                                              | CMB502                                                                                | CLPO1000                                                                              | CLPO500                                                                               |
| MCD20106R5 | 2000 | 1000 | 600 | CLPF2000                                                                            | CLPF1000                                                                            | CLPF600                                                                             | CLPK1000                                                                            | CLPK600                                                                              | CMB602                                                                                | CLPO1000                                                                              | CLPO600                                                                               |
| MCD20108R5 | 2000 | 1000 | 800 | CLPF2000                                                                            | CLPF1000                                                                            | CLPF800                                                                             | CLPK1000                                                                            | CLPK800                                                                              | CMB802                                                                                | CLPO1000                                                                              | CLPO800                                                                               |
| MCD20124R5 | 2000 | 1200 | 400 | CLPF2000                                                                            | CLPF1200                                                                            | CLPF400                                                                             | CLPK1200                                                                            | CLPK400                                                                              | CMB402                                                                                | CLPO1200                                                                              | CLPO400                                                                               |
| MCD20125R5 | 2000 | 1200 | 500 | CLPF2000                                                                            | CLPF1200                                                                            | CLPF500                                                                             | CLPK1200                                                                            | CLPK500                                                                              | CMB502                                                                                | CLPO1200                                                                              | CLPO500                                                                               |
| MCD20126R5 | 2000 | 1200 | 600 | CLPF2000                                                                            | CLPF1200                                                                            | CLPF600                                                                             | CLPK1200                                                                            | CLPK600                                                                              | CMB602                                                                                | CLPO1200                                                                              | CLPO600                                                                               |
| MCD20128R5 | 2000 | 1200 | 800 | CLPF2000                                                                            | CLPF1200                                                                            | CLPF800                                                                             | CLPK1200                                                                            | CLPK800                                                                              | CMB802                                                                                | CLPO1200                                                                              | CLPO800                                                                               |
| MCD20164R5 | 2000 | 1600 | 400 | CLPF2000                                                                            | CLPF1600                                                                            | CLPF400                                                                             | -                                                                                   | CLPK400                                                                              | CMB402                                                                                | -                                                                                     | CLPO400                                                                               |
| MCD20165R5 | 2000 | 1600 | 500 | CLPF2000                                                                            | CLPF1600                                                                            | CLPF500                                                                             | -                                                                                   | CLPK500                                                                              | CMB502                                                                                | -                                                                                     | CLPO500                                                                               |
| MCD20166R5 | 2000 | 1600 | 600 | CLPF2000                                                                            | CLPF1600                                                                            | CLPF600                                                                             | -                                                                                   | CLPK600                                                                              | CMB602                                                                                | -                                                                                     | CLPO600                                                                               |
| MCD22106R5 | 2200 | 1000 | 600 | CLPF2200                                                                            | CLPF1000                                                                            | CLPF600                                                                             | CLPK1000                                                                            | CLPK600                                                                              | CMB602                                                                                | CLPO1000                                                                              | CLPO600                                                                               |
| MCD22126R5 | 2200 | 1200 | 600 | CLPF2200                                                                            | CLPF1200                                                                            | CLPF600                                                                             | CLPK1200                                                                            | CLPK600                                                                              | CMB602                                                                                | CLPO1200                                                                              | CLPO600                                                                               |

|            |      |      |     |  |  |  |  |  |
|------------|------|------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Enclosure  | H    | W    | D   | Mounting                                                                          |                                                                                   |                                                                                    | Doors                                                                               |                                                                                     |
|            | H    | W    | D   | Depth dividing bar                                                                | Vertical dividing bar                                                             | Fixing brackets                                                                    | Plain door, left *                                                                  | Plain door, right *                                                                 |
| MCD18085R5 | 1800 | 800  | 500 | VBD500                                                                            | VB1800                                                                            | VBK04                                                                              | DN1804LR5                                                                           | DN1804RR5                                                                           |
| MCD18104R5 | 1800 | 1000 | 400 | VBD400                                                                            | VB1800                                                                            | VBK04                                                                              | DN1805LR5                                                                           | DN1805RR5                                                                           |
| MCD18105R5 | 1800 | 1000 | 500 | VBD500                                                                            | VB1800                                                                            | VBK04                                                                              | DN1805LR5                                                                           | DN1805RR5                                                                           |
| MCD18124R5 | 1800 | 1200 | 400 | VBD400                                                                            | VB1800                                                                            | VBK1200                                                                            | DN1806LR5                                                                           | DN1806RR5                                                                           |
| MCD18125R5 | 1800 | 1200 | 500 | VBD500                                                                            | VB1800                                                                            | VBK1200                                                                            | DN1806LR5                                                                           | DN1806RR5                                                                           |
| MCD18126R5 | 1800 | 1200 | 600 | VBD600                                                                            | VB1800                                                                            | VBK1200                                                                            | DN1806LR5                                                                           | DN1806RR5                                                                           |
| MCD18164R5 | 1800 | 1600 | 400 | VBD400                                                                            | VB1800                                                                            | VBK1600                                                                            | DN1808LR5                                                                           | DN1808RR5                                                                           |
| MCD20085R5 | 2000 | 800  | 500 | VBD500                                                                            | VB2000                                                                            | VBK04                                                                              | DN2004LR5                                                                           | DN2004RR5                                                                           |
| MCD20104R5 | 2000 | 1000 | 400 | VBD400                                                                            | VB2000                                                                            | VBK04                                                                              | DN2005LR5                                                                           | DN2005RR5                                                                           |
| MCD20105R5 | 2000 | 1000 | 500 | VBD500                                                                            | VB2000                                                                            | VBK04                                                                              | DN2005LR5                                                                           | DN2005RR5                                                                           |
| MCD20106R5 | 2000 | 1000 | 600 | VBD600                                                                            | VB2000                                                                            | VBK04                                                                              | DN2005LR5                                                                           | DN2005RR5                                                                           |
| MCD20108R5 | 2000 | 1000 | 800 | VBD800                                                                            | VB2000                                                                            | VBK04                                                                              | DN2005LR5                                                                           | DN2005RR5                                                                           |
| MCD20124R5 | 2000 | 1200 | 400 | VBD400                                                                            | VB2000                                                                            | VBK1200                                                                            | DN2006LR5                                                                           | DN2006RR5                                                                           |
| MCD20125R5 | 2000 | 1200 | 500 | VBD500                                                                            | VB2000                                                                            | VBK1200                                                                            | DN2006LR5                                                                           | DN2006RR5                                                                           |
| MCD20126R5 | 2000 | 1200 | 600 | VBD600                                                                            | VB2000                                                                            | VBK1200                                                                            | DN2006LR5                                                                           | DN2006RR5                                                                           |
| MCD20128R5 | 2000 | 1200 | 800 | VBD800                                                                            | VB2000                                                                            | VBK1200                                                                            | DN2006LR5                                                                           | DN2006RR5                                                                           |
| MCD20164R5 | 2000 | 1600 | 400 | VBD400                                                                            | VB2000                                                                            | VBK1600                                                                            | DN2008LR5                                                                           | DN2008RR5                                                                           |
| MCD20165R5 | 2000 | 1600 | 500 | VBD500                                                                            | VB2000                                                                            | VBK1600                                                                            | DN2008LR5                                                                           | DN2008RR5                                                                           |
| MCD20166R5 | 2000 | 1600 | 600 | VBD600                                                                            | VB2000                                                                            | VBK1600                                                                            | DN2008LR5                                                                           | DN2008RR5                                                                           |
| MCD22106R5 | 2200 | 1000 | 600 | VBD600                                                                            | VB2200                                                                            | VBK04                                                                              | DN2205LR5                                                                           | DN2205RR5                                                                           |
| MCD22126R5 | 2200 | 1200 | 600 | VBD600                                                                            | VB2200                                                                            | VBK1200                                                                            | DN2206LR5                                                                           | DN2206RR5                                                                           |

\* DNMK is required for additional door.

|            |      |      |     |  |  |  |  |  |  |
|------------|------|------|-----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Enclosure  | H    | W    | D   | Fixing                                                                              |                                                                                     |                                                                                     |                                                                                       | Thermal                                                                               |                                                                                       |
|            | H    | W    | D   | Front/rear plinths (100 mm height)                                                  | Plinth side panels (100 mm height)                                                  | Front/rear plinths (200 mm height)                                                  | Plinth side panels (200 mm height)                                                    | Ventilated front/rear plinths (100 mm height)                                         | Ventilated roof                                                                       |
| MCD18085R5 | 1800 | 800  | 500 | PF1080                                                                              | PS1050                                                                              | PF2080                                                                              | PS2050                                                                                | PV1080                                                                                | CVR0805R5                                                                             |
| MCD18104R5 | 1800 | 1000 | 400 | PF1100                                                                              | PS1040                                                                              | PF2100                                                                              | PS2040                                                                                | PV1100                                                                                | CVR1004R5                                                                             |
| MCD18105R5 | 1800 | 1000 | 500 | PF1100                                                                              | PS1050                                                                              | PF2100                                                                              | PS2050                                                                                | PV1100                                                                                | CVR1005R5                                                                             |
| MCD18124R5 | 1800 | 1200 | 400 | PF1120                                                                              | PS1040                                                                              | PF2120                                                                              | PS2040                                                                                | PV1120                                                                                | CVR1204R5                                                                             |
| MCD18125R5 | 1800 | 1200 | 500 | PF1120                                                                              | PS1050                                                                              | PF2120                                                                              | PS2050                                                                                | PV1120                                                                                | CVR1205R5                                                                             |
| MCD18126R5 | 1800 | 1200 | 600 | PF1120                                                                              | PS1060                                                                              | PF2120                                                                              | PS2060                                                                                | PV1120                                                                                | CVR1206R5                                                                             |
| MCD18164R5 | 1800 | 1600 | 400 | 2x PF1080                                                                           | PS1040                                                                              | 2x PF2080                                                                           | PS2040                                                                                | 2x PV1080                                                                             | CVR1604R5                                                                             |
| MCD20085R5 | 2000 | 800  | 500 | PF1080                                                                              | PS1050                                                                              | PF2080                                                                              | PS2050                                                                                | PV1080                                                                                | CVR0805R5                                                                             |
| MCD20104R5 | 2000 | 1000 | 400 | PF1100                                                                              | PS1040                                                                              | PF2100                                                                              | PS2040                                                                                | PV1100                                                                                | CVR1004R5                                                                             |
| MCD20105R5 | 2000 | 1000 | 500 | PF1100                                                                              | PS1050                                                                              | PF2100                                                                              | PS2050                                                                                | PV1100                                                                                | CVR1005R5                                                                             |
| MCD20106R5 | 2000 | 1000 | 600 | PF1100                                                                              | PS1060                                                                              | PF2100                                                                              | PS2060                                                                                | PV1100                                                                                | CVR1006R5                                                                             |
| MCD20108R5 | 2000 | 1000 | 800 | PF1100                                                                              | PS1080                                                                              | PF2100                                                                              | PS2080                                                                                | PV1100                                                                                | CVR1008R5                                                                             |
| MCD20124R5 | 2000 | 1200 | 400 | PF1120                                                                              | PS1040                                                                              | PF2120                                                                              | PS2040                                                                                | PV1120                                                                                | CVR1204R5                                                                             |
| MCD20125R5 | 2000 | 1200 | 500 | PF1120                                                                              | PS1050                                                                              | PF2120                                                                              | PS2050                                                                                | PV1120                                                                                | CVR1205R5                                                                             |
| MCD20126R5 | 2000 | 1200 | 600 | PF1120                                                                              | PS1060                                                                              | PF2120                                                                              | PS2060                                                                                | PV1120                                                                                | CVR1206R5                                                                             |
| MCD20128R5 | 2000 | 1200 | 800 | PF1120                                                                              | PS1080                                                                              | PF2120                                                                              | PS2080                                                                                | PV1120                                                                                | CVR1208R5                                                                             |
| MCD20164R5 | 2000 | 1600 | 400 | 2x PF1080                                                                           | PS1040                                                                              | 2x PF2080                                                                           | PS2040                                                                                | 2x PV1080                                                                             | CVR1604R5                                                                             |
| MCD20165R5 | 2000 | 1600 | 500 | 2x PF1080                                                                           | PS1050                                                                              | 2x PF2080                                                                           | PS2050                                                                                | 2x PV1080                                                                             | CVR1605R5                                                                             |
| MCD20166R5 | 2000 | 1600 | 600 | 2x PF1080                                                                           | PS1060                                                                              | 2x PF2080                                                                           | PS2060                                                                                | 2x PV1080                                                                             | CVR1606R5                                                                             |
| MCD22106R5 | 2200 | 1000 | 600 | PF1100                                                                              | PS1060                                                                              | PF2100                                                                              | PS2060                                                                                | PV1100                                                                                | CVR1006R5                                                                             |
| MCD22126R5 | 2200 | 1200 | 600 | PF1120                                                                              | PS1060                                                                              | PF2120                                                                              | PS2060                                                                                | PV1120                                                                                | CVR1206R5                                                                             |

## Accessories selection matrix | MCD

|            |      |      |     |  |  |  |  |  |
|------------|------|------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Enclosure  |      |      |     | Baying                                                                            |                                                                                   | Cable                                                                              |                                                                                     |                                                                                     |
|            | H    | W    | D   | Side panels                                                                       | Segregation plate *                                                               | Cable fixing bar<br>(mounted below bottom plates)                                  | Cable fixing bar<br>(mounted above bottom plates)                                   | Ventilated bottom plates                                                            |
| MCD18085R5 | 1800 | 800  | 500 | SPM1805R5                                                                         | SPD1805                                                                           | CABP800                                                                            | CAB800                                                                              | CVB0805                                                                             |
| MCD18104R5 | 1800 | 1000 | 400 | SPM1804R5                                                                         | SPD1804                                                                           | CABP1000                                                                           | CAB1000                                                                             | CVB1004                                                                             |
| MCD18105R5 | 1800 | 1000 | 500 | SPM1805R5                                                                         | SPD1805                                                                           | CABP1000                                                                           | CAB1000                                                                             | CVB1005                                                                             |
| MCD18124R5 | 1800 | 1200 | 400 | SPM1804R5                                                                         | SPD1804                                                                           | CABP1200                                                                           | CAB1200                                                                             | -                                                                                   |
| MCD18125R5 | 1800 | 1200 | 500 | SPM1805R5                                                                         | SPD1805                                                                           | CABP1200                                                                           | CAB1200                                                                             | -                                                                                   |
| MCD18126R5 | 1800 | 1200 | 600 | SPM1806R5                                                                         | SPD1806                                                                           | CABP1200                                                                           | CAB1200                                                                             | CVB1206                                                                             |
| MCD18164R5 | 1800 | 1600 | 400 | SPM1804R5                                                                         | SPD1804                                                                           | CABP800                                                                            | CAB800                                                                              | CVB0804                                                                             |
| MCD20085R5 | 2000 | 800  | 500 | SPM2005R5                                                                         | SPD2005                                                                           | CABP800                                                                            | CAB800                                                                              | CVB0805                                                                             |
| MCD20104R5 | 2000 | 1000 | 400 | SPM2004R5                                                                         | SPD2004                                                                           | CABP1000                                                                           | CAB1000                                                                             | CVB1004                                                                             |
| MCD20105R5 | 2000 | 1000 | 500 | SPM2005R5                                                                         | SPD2005                                                                           | CABP1000                                                                           | CAB1000                                                                             | CVB1005                                                                             |
| MCD20106R5 | 2000 | 1000 | 600 | SPM2006R5                                                                         | SPD2006                                                                           | CABP1000                                                                           | CAB1000                                                                             | CVB1006                                                                             |
| MCD20108R5 | 2000 | 1000 | 800 | SPM2008R5                                                                         | SPD2008                                                                           | CABP1000                                                                           | CAB1000                                                                             | CVB1008                                                                             |
| MCD20124R5 | 2000 | 1200 | 400 | SPM2004R5                                                                         | SPD2004                                                                           | CABP1200                                                                           | CAB1200                                                                             | -                                                                                   |
| MCD20125R5 | 2000 | 1200 | 500 | SPM2005R5                                                                         | SPD2005                                                                           | CABP1200                                                                           | CAB1200                                                                             | -                                                                                   |
| MCD20126R5 | 2000 | 1200 | 600 | SPM2006R5                                                                         | SPD2006                                                                           | CABP1200                                                                           | CAB1200                                                                             | CVB1206                                                                             |
| MCD20128R5 | 2000 | 1200 | 800 | SPM2008R5                                                                         | SPD2008                                                                           | CABP1200                                                                           | CAB1200                                                                             | CVB1208                                                                             |
| MCD20164R5 | 2000 | 1600 | 400 | SPM2004R5                                                                         | SPD2004                                                                           | CABP800                                                                            | CAB800                                                                              | 2x CVB0804                                                                          |
| MCD20165R5 | 2000 | 1600 | 500 | SPM2005R5                                                                         | SPD2005                                                                           | CABP800                                                                            | CAB800                                                                              | 2x CVB0805                                                                          |
| MCD20166R5 | 2000 | 1600 | 600 | SPM2006R5                                                                         | SPD2006                                                                           | CABP800                                                                            | CAB800                                                                              | CVB0806                                                                             |
| MCD22106R5 | 2200 | 1000 | 600 | SPM2206R5                                                                         | SPD2206                                                                           | CABP1000                                                                           | CAB1000                                                                             | CVB1006                                                                             |
| MCD22126R5 | 2200 | 1200 | 600 | SPM2206R5                                                                         | SPD2206                                                                           | CABP1200                                                                           | CAB1200                                                                             | CVB1206                                                                             |

\* CCJ is required.



# 01

## Floor Standing Enclosures



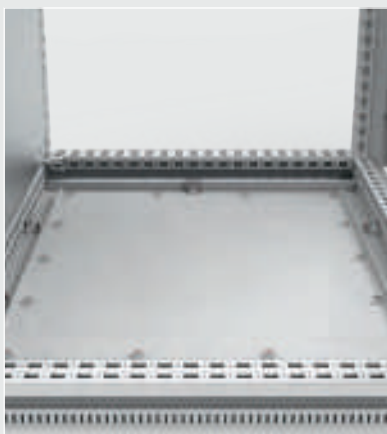
# Floor Standing Enclosures

## Steel Range | Mild Steel

### Combinable, single door | MCS-HP

IP 66 | TYPE 4, 12, 13 | IK 10



**Material:**

Frame: 1.5 mm painted steel. Door: 2 mm painted steel. Rear, roof and side panels: 1.5 mm painted steel. Mounting plate: 3 mm galvanized steel. Bottom plates: 1 mm galvanized steel.

**Frame:**

Seam welded reversed open profiles with 25 mm hole pattern according to DIN 43660. Including integrated external hole pattern.

**Door:**

Mounted with four hinges allowing left or right hand opening. Including door frame with 25 mm hole pattern.

**Rear panel:**

Fitted by M6 torx screws. Standard facilities for rear door mounting.

**Side panels:**

Supplied as an accessory.

**Roof panel:**

Removable.

**Lock:**

Espagnolette 4-point locking system. Does not interfere with the enclosure inner space. Standard double-bit lock with 3 mm insert. Standard inserts, cylinders, lift handles and T-handles are available as accessories.

**Bottom plates:**

One piece bottom plate, with injected polyurethane gasket to ensure maximum sealing.

**Mounting plate:**

Double folded and slides into position. Adjustable in depth by steps of 25 mm, with the MPD02 accessory. Supplied, attached on the outside of the enclosure packaging.

**Earthing:**

All panels are earthed through their fittings and are equipped with a separate earthing stud.

**Finish:**

RAL 7035 structured powder coating.

**Protection:**

Complies with IP 66 | TYPE 4, 12, 13 | IK 10.

**Mounting requirements:**

Standard delivery ready for combined installation. For stand-alone installation add side panels.

**Delivery:**

Frame with fitted door, rear panel, roof panel, bottom plate, mounting plate and door frame. Delivery also includes earthing bolts. Delivered on a pallet which is identical to the width of the enclosure to allow baying without removal. All packing material is recyclable.



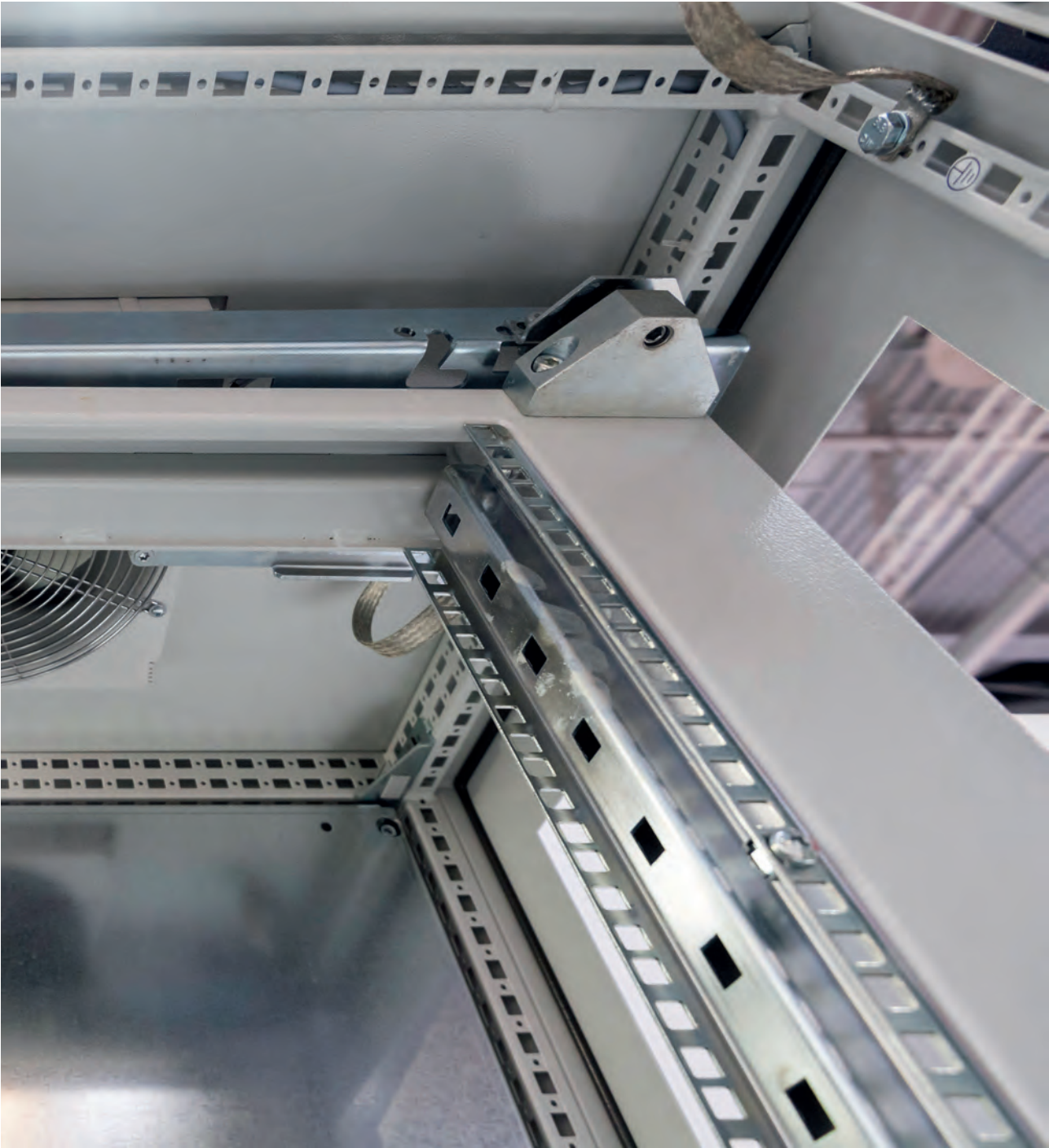


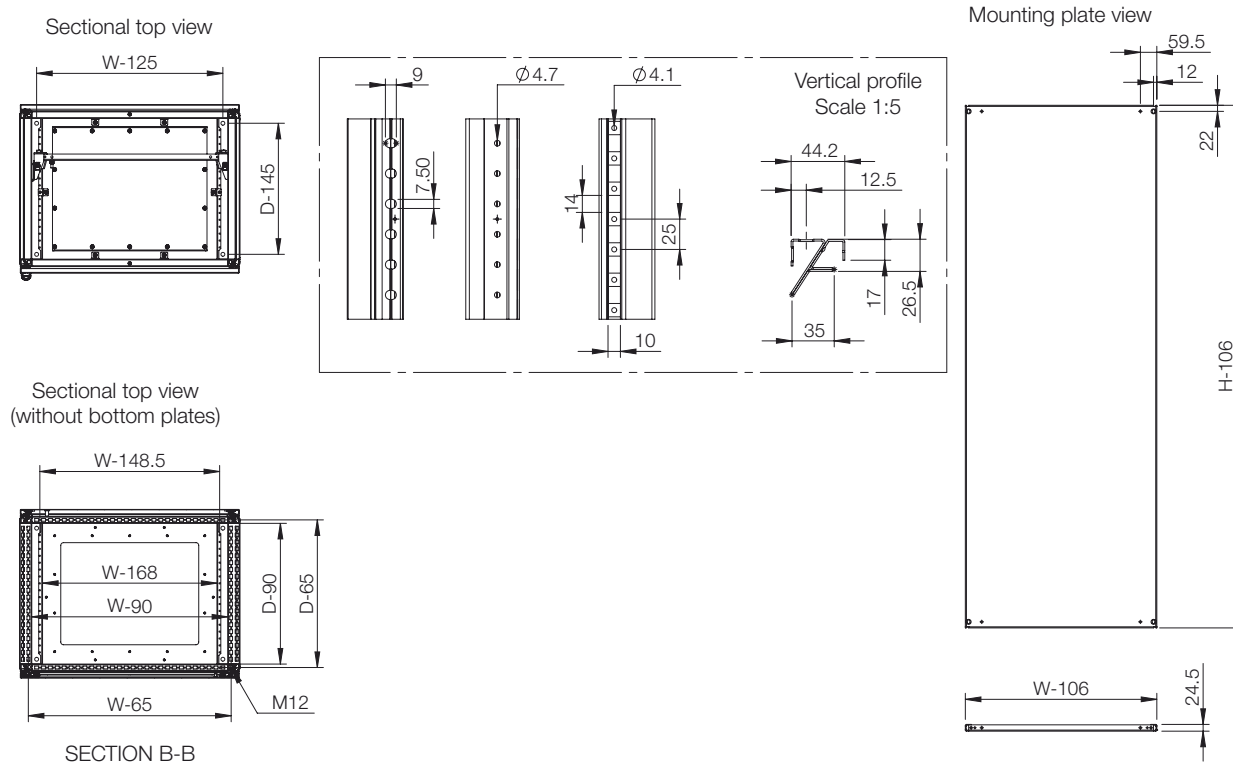
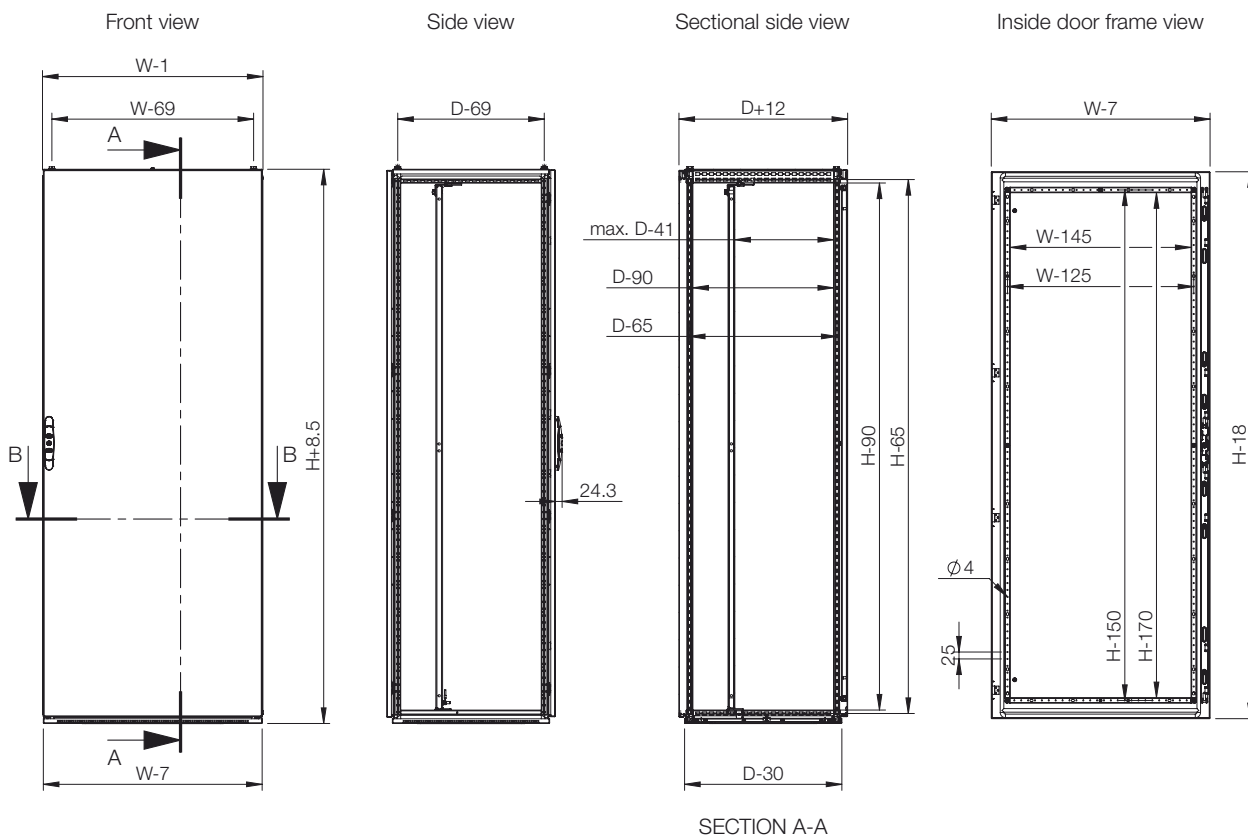
# Dimensional table | MCS-HP

IP 66 | TYPE 4, 12, 13 | IK 10

| Enclosure dimensions |     |     | Mounting plate dimensions |     | Usable depth | Item no.   |
|----------------------|-----|-----|---------------------------|-----|--------------|------------|
| H                    | W   | D   | h                         | w   | d            |            |
| 2000                 | 800 | 600 | 1894                      | 694 | 559          | MCS20086HP |

*\*Other dimensions available on request. Special side panel is required if depth is greater than 700 mm.*







# Floor Standing Enclosures

## Steel Range | Mild Steel

### Flange Mount Disconnect | MCF

IP 55 | TYPE 12, 13 | IK 10



**Material:**

Frame: 1.5 mm painted steel. Doors: 2 mm painted steel. Rear, roof and side panels: 1.5 mm painted steel. Mounting plate: 3 mm galvanized steel. Bottom plates: 1 mm galvanized steel.

**Frame:**

Seam welded reversed open profiles with 25 mm hole pattern, according to DIN 43660. Including integrated external hole pattern.

**Door:**

Mounted with four hinges. Including door frame with 25 mm hole pattern. Door can not be reversed. Flange door: Surface mounted with hinges, locked from the inside, including universal cut-out.

**Rear panel:**

Fitted by M6 torx screws. Standard facilities for rear door mounting.

**Side panels:**

Supplied as an accessory.

**Roof panel:**

Removable.

**Lock:**

Lock, left door: Espagnolette 4-point locking system. Does not interfere with the enclosure inner space. Standard double-bit lock with 3 mm insert. Standard inserts, cylinders, lift handles and T-handles are available as accessories. Lock, right door: Top and bottom lock with double-bit for easy opening of the door. Double-bit 3 mm insert and 90° movement. Other inserts are available as an accessory.

**Bottom plates:**

Consists of three pieces.

**Mounting plate:**

Double folded and adjustable in depth by steps of 25 mm, with the MPD02 accessory. Supplied, attached on the outside of the enclosure packaging.

**Earthing:**

All panels are earthed through their fittings and are equipped with a separate earthing stud.

**Finish:**

RAL 7035 structured powder coating.

**Protection:**

Complies with IP 55 | TYPE 12, 13 | IK 10.

**Mounting requirements:**

Standard delivery ready for combined installation. Sides of the group of combined enclosures must be closed with side panels SPM. To complete the interlocking system add FMD in this master enclosure and FMA, FMB, FMS in the slave enclosures.

**Delivery:**

Frame with fitted doors, rear panel, roof panel, bottom plates, mounting plate and door frame. Delivery also includes earthing bolts. Delivered on a pallet which is identical to the width of the enclosure to allow baying without removal. All packing material is recyclable.

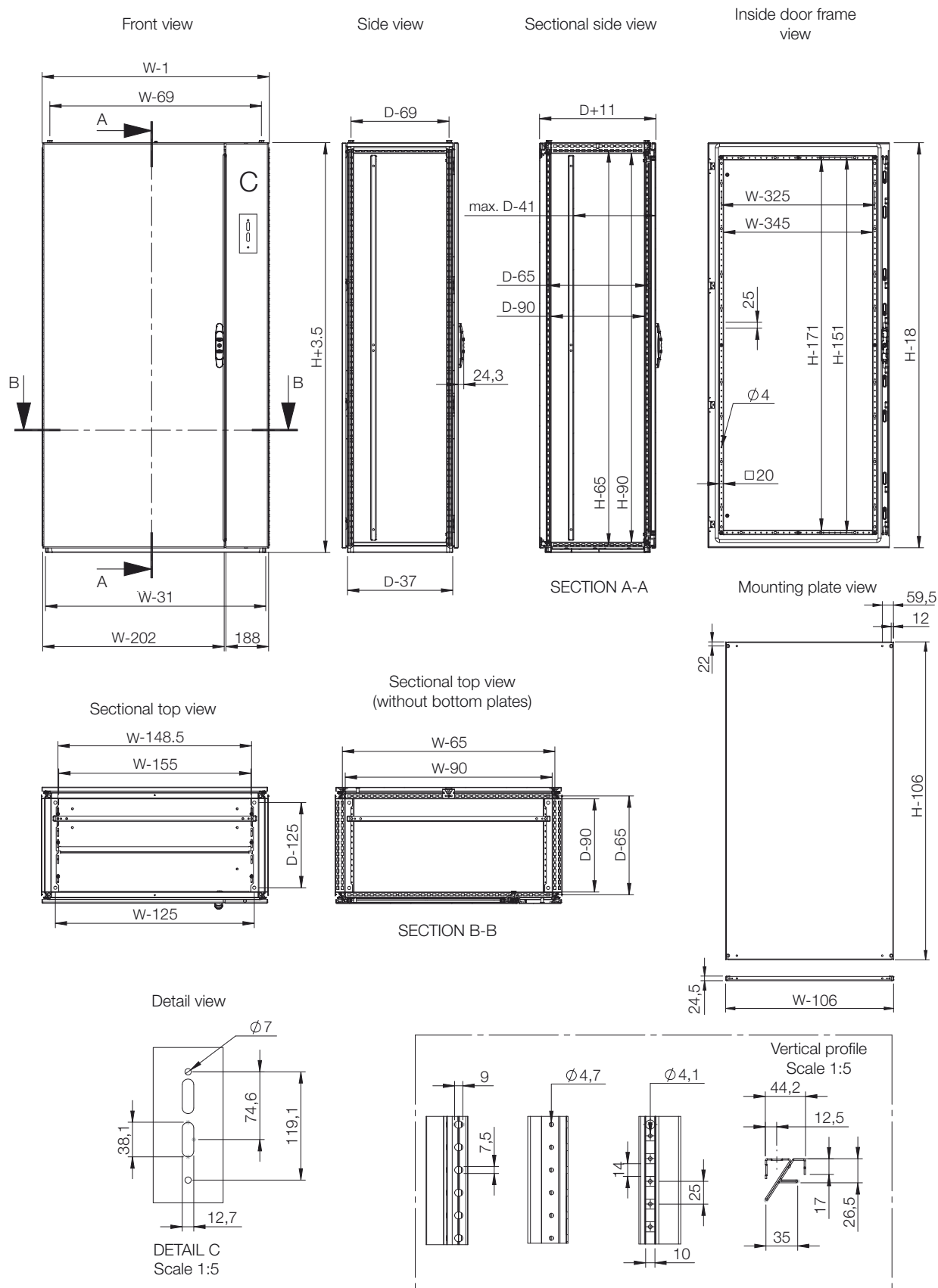


# Dimensional table | MCF

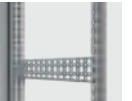
IP 55 | TYPE 12, 13 | IK 10

| Enclosure dimensions |      |     | Door dimensions |            |
|----------------------|------|-----|-----------------|------------|
| H                    | W    | D   | w               | Item no.   |
| 1800                 | 800  | 400 | 800             | MCF18084R5 |
| 1800                 | 800  | 500 | 800             | MCF18085R5 |
| 1800                 | 1000 | 500 | 1000            | MCF18105R5 |
| 2000                 | 800  | 500 | 800             | MCF20085R5 |
| 2000                 | 800  | 600 | 800             | MCF20086R5 |
| 2000                 | 1000 | 500 | 1000            | MCF20105R5 |

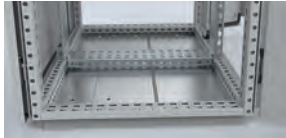
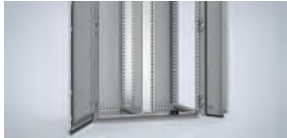




## Accessories selection matrix | MCF

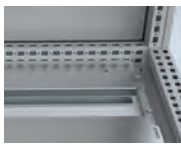
|                    |          |          |          |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
|--------------------|----------|----------|----------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                    |          |          |          |  |  |  |  |  |  |  |
| <b>Enclosure</b>   |          |          |          | <b>Mounting</b>                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
|                    | <b>H</b> | <b>W</b> | <b>D</b> | <b>Mounting plate</b>                                                             | <b>Wide mounting plate *</b>                                                      | <b>Transversal sliding profiles</b>                                               | <b>Mounting profile, in H</b>                                                     | <b>Mounting profile, in W</b>                                                      | <b>Outer mounting profile, in W</b>                                                 | <b>Outer mounting profile, in D</b>                                                 |
| MCF18084R5         | 1800     | 800      | 400      | MP1808                                                                            | MPW1808                                                                           | MTS800                                                                            | CLPF1800                                                                          | CLPF800                                                                            | CLPO800                                                                             | CLPO400                                                                             |
| MCF18085R5         | 1800     | 800      | 500      | MP1808                                                                            | MPW1808                                                                           | MTS800                                                                            | CLPF1800                                                                          | CLPF800                                                                            | CLPO800                                                                             | CLPO500                                                                             |
| MCF18105R5         | 1800     | 1000     | 500      | MP1810                                                                            | MPW1810                                                                           | MTS1000                                                                           | CLPF1800                                                                          | CLPF1000                                                                           | CLPO1000                                                                            | CLPO500                                                                             |
| MCF20085R5         | 2000     | 800      | 500      | MP2008                                                                            | MPW2008                                                                           | MTS800                                                                            | CLPF2000                                                                          | CLPF800                                                                            | CLPO800                                                                             | CLPO500                                                                             |
| MCF20086R5         | 2000     | 800      | 600      | MP2008                                                                            | MPW2008                                                                           | MTS800                                                                            | CLPF2000                                                                          | CLPF800                                                                            | CLPO800                                                                             | CLPO600                                                                             |
| MCF20105R5         | 2000     | 1000     | 500      | MP2010                                                                            | MPW2010                                                                           | MTS1000                                                                           | CLPF2000                                                                          | CLPF1000                                                                           | CLPO1000                                                                            | CLPO500                                                                             |
| * MTS is required. |          |          |          |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |

|                  |          |          |          |                                                                                    |                                                                                    |                                                                                     |                                                                                      |
|------------------|----------|----------|----------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|                  |          |          |          |  |  |  |  |
| <b>Enclosure</b> |          |          |          | <b>Mounting</b>                                                                    |                                                                                    |                                                                                     |                                                                                      |
|                  | <b>H</b> | <b>W</b> | <b>D</b> | <b>Mounting profile, in D</b>                                                      | <b>Click in profile, in W</b>                                                      | <b>Click in profile, in D</b>                                                       | <b>Side mounting bar</b>                                                             |
| MCF18084R5       | 1800     | 800      | 400      | CLPF400                                                                            | CLPK800                                                                            | CLPK400                                                                             | CMB402                                                                               |
| MCF18085R5       | 1800     | 800      | 500      | CLPF500                                                                            | CLPK800                                                                            | CLPK500                                                                             | CMB502                                                                               |
| MCF18105R5       | 1800     | 1000     | 500      | CLPF500                                                                            | CLPK1000                                                                           | CLPK500                                                                             | CMB502                                                                               |
| MCF20085R5       | 2000     | 800      | 500      | CLPF500                                                                            | CLPK800                                                                            | CLPK500                                                                             | CMB502                                                                               |
| MCF20086R5       | 2000     | 800      | 600      | CLPF600                                                                            | CLPK800                                                                            | CLPK600                                                                             | CMB602                                                                               |
| MCF20105R5       | 2000     | 1000     | 500      | CLPF500                                                                            | CLPK1000                                                                           | CLPK500                                                                             | CMB502                                                                               |

|                  |          |          |          |                                                                                     |                                                                                      |                                                                                       |
|------------------|----------|----------|----------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                  |          |          |          |  |  |  |
| <b>Enclosure</b> |          |          |          | <b>Mounting</b>                                                                     |                                                                                      |                                                                                       |
|                  | <b>H</b> | <b>W</b> | <b>D</b> | <b>Depth dividing bar</b>                                                           | <b>Vertical dividing bar</b>                                                         | <b>Fixing brackets</b>                                                                |
| MCF18084R5       | 1800     | 800      | 400      | VBD400                                                                              | VB1800                                                                               | VBK04                                                                                 |
| MCF18085R5       | 1800     | 800      | 500      | VBD500                                                                              | VB1800                                                                               | VBK04                                                                                 |
| MCF18105R5       | 1800     | 1000     | 500      | VBD500                                                                              | VB1800                                                                               | VBK04                                                                                 |
| MCF20085R5       | 2000     | 800      | 500      | VBD500                                                                              | VB2000                                                                               | VBK04                                                                                 |
| MCF20086R5       | 2000     | 800      | 600      | VBD600                                                                              | VB2000                                                                               | VBK04                                                                                 |
| MCF20105R5       | 2000     | 1000     | 500      | VBD500                                                                              | VB2000                                                                               | VBK04                                                                                 |



|            |      |      |     |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
|------------|------|------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|            |      |      |     |  |  |  |  |  |  |
| Enclosure  |      |      |     | Fixing                                                                            |                                                                                   |                                                                                   |                                                                                    |                                                                                     | Thermal                                                                             |
|            | H    | W    | D   | Front/rear plinths<br>(100 mm height)                                             | Plinth side panels<br>(100 mm height)                                             | Front/rear plinths<br>(200 mm height)                                             | Plinth side panels<br>(200 mm height)                                              | Ventilated front/<br>rear plinths (100<br>mm height)                                | Ventilated roof                                                                     |
| MCF18084R5 | 1800 | 800  | 400 | PF1080                                                                            | PS1040                                                                            | PF2080                                                                            | PS2040                                                                             | PV1080                                                                              | CVR0804R5                                                                           |
| MCF18085R5 | 1800 | 800  | 500 | PF1080                                                                            | PS1050                                                                            | PF2080                                                                            | PS2050                                                                             | PV1080                                                                              | CVR0805R5                                                                           |
| MCF18105R5 | 1800 | 1000 | 500 | PF1100                                                                            | PS1050                                                                            | PF2100                                                                            | PS2050                                                                             | PV1100                                                                              | CVR1005R5                                                                           |
| MCF20085R5 | 2000 | 800  | 500 | PF1080                                                                            | PS1050                                                                            | PF2080                                                                            | PS2050                                                                             | PV1080                                                                              | CVR0805R5                                                                           |
| MCF20086R5 | 2000 | 800  | 600 | PF1080                                                                            | PS1060                                                                            | PF2080                                                                            | PS2060                                                                             | PV1080                                                                              | CVR0806R5                                                                           |
| MCF20105R5 | 2000 | 1000 | 500 | PF1100                                                                            | PS1050                                                                            | PF2100                                                                            | PS2050                                                                             | PV1100                                                                              | CVR1005R5                                                                           |

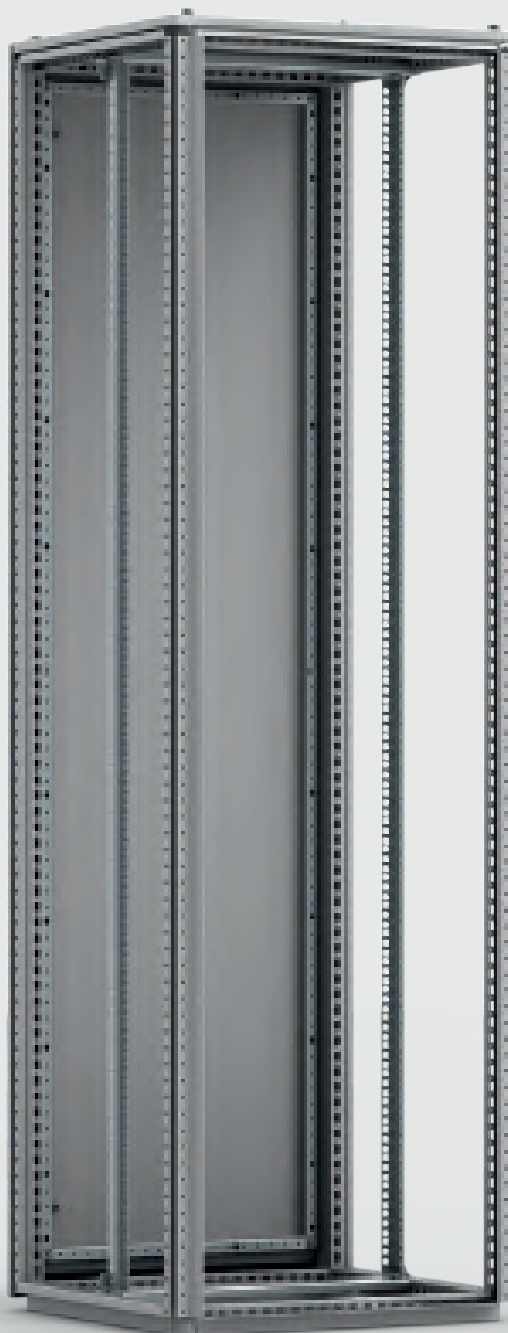
|                    |      |      |     |  |  |  |  |  |
|--------------------|------|------|-----|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Enclosure          |      |      |     | Baying                                                                             |                                                                                    | Cable                                                                               |                                                                                      |                                                                                      |
|                    | H    | W    | D   | Side panels                                                                        | Segregation plate *                                                                | Cable fixing bar (mounted below bottom plates)                                      | Cable fixing bar (mounted above bottom plates)                                       | Ventilated bottom plates                                                             |
| MCF18084R5         | 1800 | 800  | 400 | SPM1804R5                                                                          | SPD1804                                                                            | CABP800                                                                             | CAB800                                                                               | CVB0804                                                                              |
| MCF18085R5         | 1800 | 800  | 500 | SPM1805R5                                                                          | SPD1805                                                                            | CABP800                                                                             | CAB800                                                                               | CVB0805                                                                              |
| MCF18105R5         | 1800 | 1000 | 500 | SPM1805R5                                                                          | SPD1805                                                                            | CABP1000                                                                            | CAB1000                                                                              | CVB1005                                                                              |
| MCF20085R5         | 2000 | 800  | 500 | SPM2005R5                                                                          | SPD2005                                                                            | CABP800                                                                             | CAB800                                                                               | CVB0805                                                                              |
| MCF20086R5         | 2000 | 800  | 600 | SPM2006R5                                                                          | SPD2006                                                                            | CABP800                                                                             | CAB800                                                                               | CVB0806                                                                              |
| MCF20105R5         | 2000 | 1000 | 500 | SPM2005R5                                                                          | SPD2005                                                                            | CABP1000                                                                            | CAB1000                                                                              | CVB1005                                                                              |
| * CCJ is required. |      |      |     |                                                                                    |                                                                                    |                                                                                     |                                                                                      |                                                                                      |

# Floor Standing Enclosures

## Steel Range | Mild Steel

### ICT Rack | MCI

IP 55 | TYPE 12, 13 | IK 10



**Material:**

Frame: 1.5 mm steel plate. Door: 2 mm steel plate. Roof plate: 1.5 mm steel plate. Bottom plates: 1 mm galvanized steel. 19" profiles: 2 mm zinc plated steel.

**Frame:**

Seam welded reversed open profiles with 25 mm hole pattern, according to DIN 43660. Including integrated external hole pattern.

**Rear door:**

Mounted with hinges, allowing left or right hand opening. Including door frame with 25 mm hole pattern.

**Side panels:**

Supplied as an accessory.

**Roof panel:**

Removable.

**Lock:**

Espagnolette 4-point locking system. Does not interfere with the enclosure inner space. Standard double-bit lock with 3 mm insert. Standard inserts, cylinders, lift handles and T-handles are available as accessories.

**Bottom plates:**

Consists of three or four (D>600) pieces.

**19" profiles:**

Provides front and side universal 19" hole pattern. Adjustable in depth by steps of 25 mm.

**Earthing:**

All panels are earthed through their fittings and are equipped with a separate earthing stud.

**Finish:**

Frame, rear door and roof plate: RAL 7035 structured powder coating. 19" profiles: zinc plated steel.

**Protection:**

Complies with IP 55 | TYPE 12, 13 | IK 10, when plain front door and side panels are fitted.

**Mounting requirements:**

Add side panels for closed sides. Front frame can be covered with FFC or fitted with a glazed or plain door.

**Delivery:**

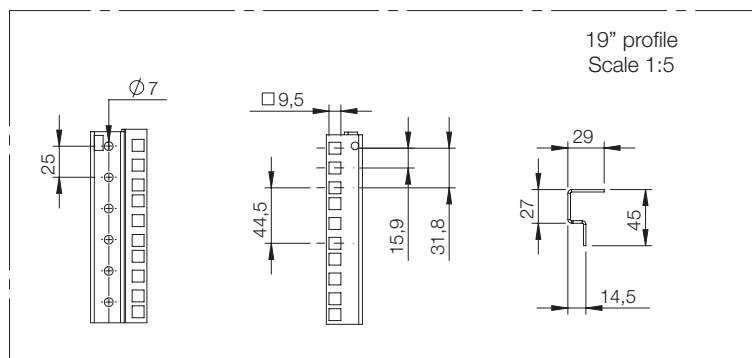
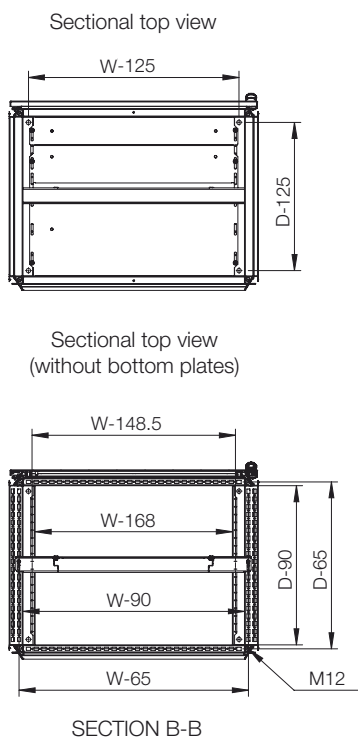
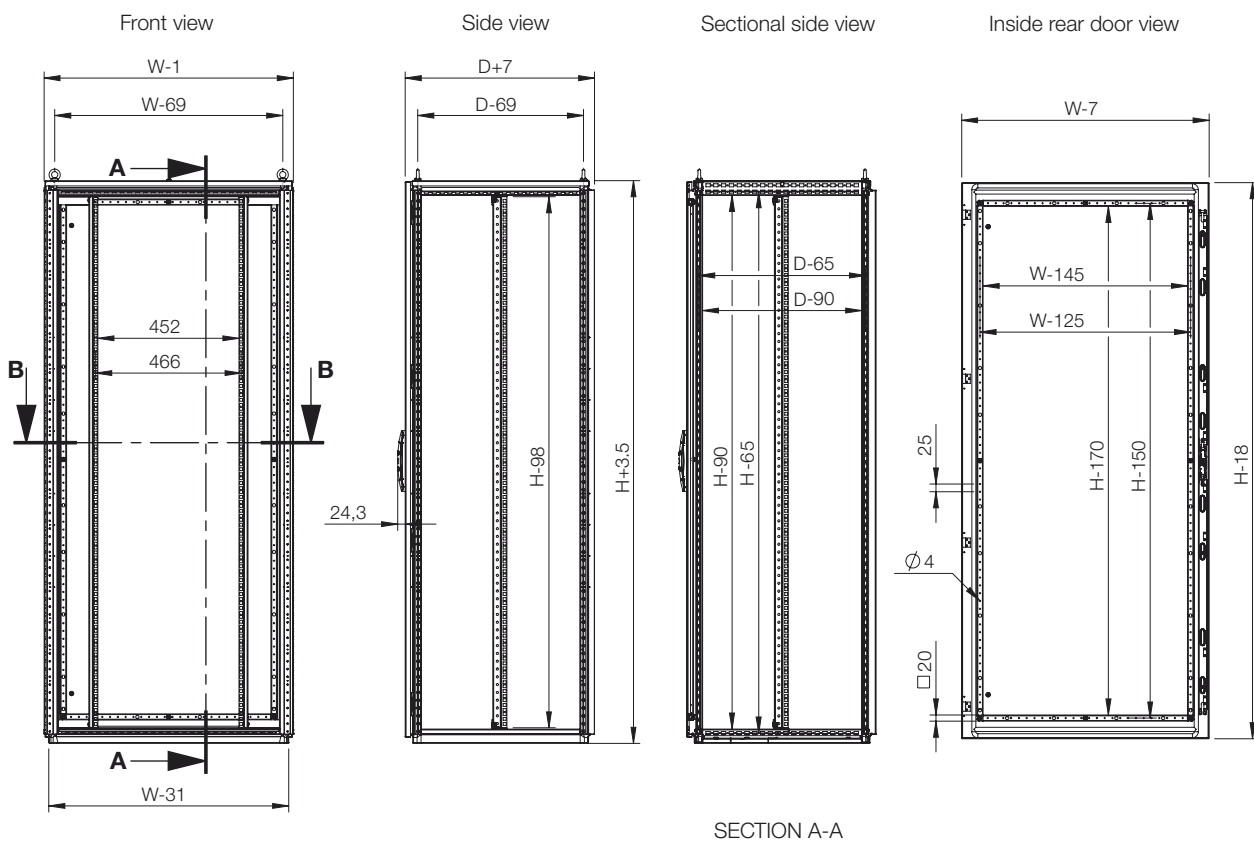
Frame with fitted rear door, roof panel, bottom plates. 19" profiles at front and fixing brackets CIB. For enclosures 2200 mm height, delivery includes two CMB profiles mounted in depth. Delivery also includes earthing bolts. Delivered on a pallet which is identical to the width of the enclosure to allow baying without removal. All packing material is recyclable.



# Dimensional table | MCI

## IP 55 | TYPE 12, 13 | IK 10

| Enclosure dimensions |     |     |          |            |
|----------------------|-----|-----|----------|------------|
| H                    | W   | D   | Height U | Item no.   |
| 1100                 | 600 | 600 | 22       | MCI11066R5 |
| 1400                 | 800 | 600 | 29       | MCI14086R5 |
| 1600                 | 600 | 600 | 33       | MCI16066R5 |
| 1800                 | 600 | 600 | 38       | MCI18066R5 |
| 1800                 | 600 | 800 | 38       | MCI18068R5 |
| 1800                 | 800 | 600 | 38       | MCI18086R5 |
| 2000                 | 600 | 600 | 42       | MCI20066R5 |
| 2000                 | 600 | 800 | 42       | MCI20068R5 |
| 2000                 | 800 | 600 | 42       | MCI20086R5 |
| 2000                 | 800 | 800 | 42       | MCI20088R5 |
| 2200                 | 600 | 600 | 47       | MCI22066R5 |
| 2200                 | 600 | 800 | 47       | MCI22068R5 |
| 2200                 | 800 | 600 | 47       | MCI22086R5 |
| 2200                 | 800 | 800 | 47       | MCI22088R5 |





# Floor Standing Enclosures

## Steel Range | Mild Steel

### Compact, single door | MKS

IP 55 | TYPE 12, 13 | IK 10



**Material:**

Body: 1.35 mm painted steel. Rear and roof panels: 1.5 mm painted steel. Door: 2 mm painted steel. Mounting plate: 3 mm galvanized steel. Bottom plates: 1 mm galvanized steel.

**Body:**

Four times folded and seam-welded frame. Integrated depth profiles with hole pattern, allowing mounting plate adjustment in depth.

**Door:**

Mounted with four hinges, allowing left or right hand opening. Including door frame with 25 mm hole pattern.

**Rear panel:**

Fitted by M6 torx screws. Standard facilities for rear door mounting.

**Roof panel:**

Removable.

**Lock:**

Espagnolette 4-point locking system. Does not interfere with the enclosure inner space. Standard double-bit lock with 3 mm insert. Standard inserts, cylinders, lift handles and T-handles are available as accessories.

**Bottom plates:**

Consists of three pieces.

**Mounting plate:**

Double folded and slides into position. Adjustable in depth by steps of 25 mm, with the MPD02 accessory. Supplied, attached on the outside of the enclosure packaging.

**Earthing:**

All panels are earthed through their fittings and are equipped with a separate earthing stud.

**Finish:**

RAL 7035 structured powder coating.

**Protection:**

Complies with IP 55 | TYPE 12, 13 | IK 10.

**Delivery:**

Body with fitted door, rear panel, roof panel, bottom plates, mounting plate and door frame (except PE version). Delivery also includes earthing bolts. The enclosure is delivered on a pallet identical to the enclosure width. All packing material is recyclable.



## Dimensional table | MKS

### IP 55 | TYPE 12, 13 | IK 10

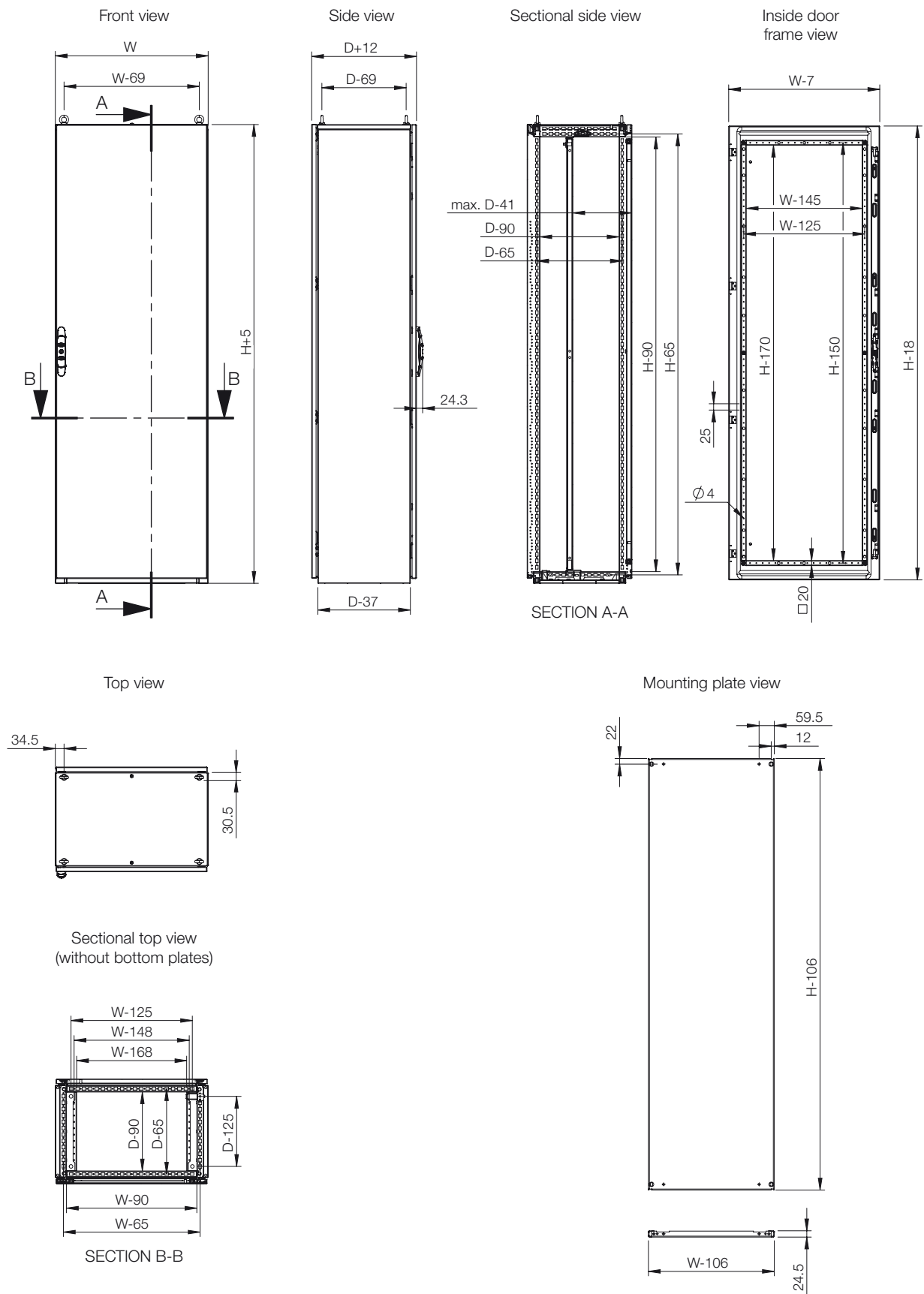
With mounting plate

| Enclosure dimensions |      |     | Mounting plate dimensions |     | Usable depth | Item no.   |
|----------------------|------|-----|---------------------------|-----|--------------|------------|
| H                    | W    | D   | h                         | w   | d            |            |
| 1200                 | 600  | 400 | 1094                      | 494 | 359          | MKS12064R5 |
| 1200                 | 800  | 400 | 1094                      | 694 | 359          | MKS12084R5 |
| 1400                 | 600  | 300 | 1294                      | 494 | 259          | MKS14063R5 |
| 1400                 | 600  | 400 | 1294                      | 494 | 359          | MKS14064R5 |
| 1400                 | 800  | 300 | 1294                      | 694 | 259          | MKS14083R5 |
| 1400                 | 800  | 400 | 1294                      | 694 | 359          | MKS14084R5 |
| 1600                 | 600  | 300 | 1494                      | 494 | 259          | MKS16063R5 |
| 1600                 | 600  | 400 | 1494                      | 494 | 359          | MKS16064R5 |
| 1600                 | 800  | 300 | 1494                      | 694 | 259          | MKS16083R5 |
| 1600                 | 800  | 400 | 1494                      | 694 | 359          | MKS16084R5 |
| 1600                 | 800  | 500 | 1494                      | 694 | 459          | MKS16085R5 |
| 1600                 | 1000 | 400 | 1494                      | 894 | 359          | MKS16104R5 |
| 1600                 | 1000 | 500 | 1494                      | 894 | 459          | MKS16105R5 |
| 1800                 | 600  | 400 | 1694                      | 494 | 359          | MKS18064R5 |
| 1800                 | 800  | 400 | 1694                      | 694 | 359          | MKS18084R5 |
| 1800                 | 800  | 500 | 1694                      | 694 | 459          | MKS18085R5 |
| 1800                 | 1000 | 400 | 1694                      | 894 | 359          | MKS18104R5 |
| 2000                 | 600  | 400 | 1894                      | 494 | 359          | MKS20064R5 |
| 2000                 | 800  | 400 | 1894                      | 694 | 359          | MKS20084R5 |
| 2000                 | 800  | 500 | 1894                      | 694 | 459          | MKS20085R5 |
| 2000                 | 1000 | 400 | 1894                      | 894 | 359          | MKS20104R5 |
| 2000                 | 1000 | 500 | 1894                      | 894 | 459          | MKS20105R5 |

Without mounting plate

| Enclosure dimensions |      |     | Item no.     |
|----------------------|------|-----|--------------|
| H                    | W    | D   |              |
| 1200                 | 600  | 400 | MKS12064PER5 |
| 1200                 | 800  | 400 | MKS12084PER5 |
| 1400                 | 600  | 300 | MKS14063PER5 |
| 1400                 | 600  | 400 | MKS14064PER5 |
| 1400                 | 800  | 300 | MKS14083PER5 |
| 1400                 | 800  | 400 | MKS14084PER5 |
| 1600                 | 600  | 300 | MKS16063PER5 |
| 1600                 | 600  | 400 | MKS16064PER5 |
| 1600                 | 800  | 300 | MKS16083PER5 |
| 1600                 | 800  | 400 | MKS16084PER5 |
| 1600                 | 800  | 500 | MKS16085PER5 |
| 1600                 | 1000 | 400 | MKS16104PER5 |
| 1600                 | 1000 | 500 | MKS16105PER5 |
| 1800                 | 600  | 400 | MKS18064PER5 |
| 1800                 | 800  | 400 | MKS18084PER5 |
| 1800                 | 800  | 500 | MKS18085PER5 |
| 1800                 | 1000 | 400 | MKS18104PER5 |
| 2000                 | 600  | 400 | MKS20064PER5 |
| 2000                 | 800  | 400 | MKS20084PER5 |
| 2000                 | 800  | 500 | MKS20085PER5 |
| 2000                 | 1000 | 400 | MKS20104PER5 |
| 2000                 | 1000 | 500 | MKS20105PER5 |

For added cabling options, add plinths PF and PCP.



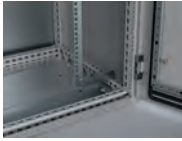
## Accessories selection matrix | MKS

|            |      |      |     |  |  |  |  |  |  |  |
|------------|------|------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Enclosure  |      |      |     | Mounting                                                                          |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
|            | H    | W    | D   | Mounting plate                                                                    | Mounting profile, in H                                                            | Mounting profile, in W                                                            | Mounting profile, in D *                                                          | Click in profile, in W *                                                            | Click in profile, in D                                                              | Outer mounting profile, in W                                                        |
| MKS12064R5 | 1200 | 600  | 400 | MP1206                                                                            | CLPF1200                                                                          | CLPF600                                                                           | CLPF400                                                                           | CLPK600                                                                             | CLPK400                                                                             | CLPO600                                                                             |
| MKS12084R5 | 1200 | 800  | 400 | MP1208                                                                            | CLPF1200                                                                          | CLPF800                                                                           | CLPF400                                                                           | CLPK800                                                                             | CLPK400                                                                             | CLPO800                                                                             |
| MKS14063R5 | 1400 | 600  | 300 | MP1406                                                                            | CLPF1400                                                                          | CLPF600                                                                           | CLPF300                                                                           | CLPK600                                                                             | CLPK300                                                                             | CLPO600                                                                             |
| MKS14064R5 | 1400 | 600  | 400 | MP1406                                                                            | CLPF1400                                                                          | CLPF600                                                                           | CLPF400                                                                           | CLPK600                                                                             | CLPK400                                                                             | CLPO600                                                                             |
| MKS14083R5 | 1400 | 800  | 300 | MP1408                                                                            | CLPF1400                                                                          | CLPF800                                                                           | CLPF300                                                                           | CLPK800                                                                             | CLPK300                                                                             | CLPO800                                                                             |
| MKS14084R5 | 1400 | 800  | 400 | MP1408                                                                            | CLPF1400                                                                          | CLPF800                                                                           | CLPF400                                                                           | CLPK800                                                                             | CLPK400                                                                             | CLPO800                                                                             |
| MKS16063R5 | 1600 | 600  | 300 | MP1606                                                                            | CLPF1600                                                                          | CLPF600                                                                           | CLPF300                                                                           | CLPK600                                                                             | CLPK300                                                                             | CLPO600                                                                             |
| MKS16064R5 | 1600 | 600  | 400 | MP1606                                                                            | CLPF1600                                                                          | CLPF600                                                                           | CLPF400                                                                           | CLPK600                                                                             | CLPK400                                                                             | CLPO600                                                                             |
| MKS16083R5 | 1600 | 800  | 300 | MP1608                                                                            | CLPF1600                                                                          | CLPF800                                                                           | CLPF300                                                                           | CLPK800                                                                             | CLPK300                                                                             | CLPO800                                                                             |
| MKS16084R5 | 1600 | 800  | 400 | MP1608                                                                            | CLPF1600                                                                          | CLPF800                                                                           | CLPF400                                                                           | CLPK800                                                                             | CLPK400                                                                             | CLPO800                                                                             |
| MKS16085R5 | 1600 | 800  | 500 | MP1608                                                                            | CLPF1600                                                                          | CLPF800                                                                           | CLPF500                                                                           | CLPK800                                                                             | CLPK500                                                                             | CLPO800                                                                             |
| MKS16104R5 | 1600 | 1000 | 400 | MP1610                                                                            | CLPF1600                                                                          | CLPF1000                                                                          | CLPF400                                                                           | CLPK1000                                                                            | CLPK400                                                                             | CLPO1000                                                                            |
| MKS16105R5 | 1600 | 1000 | 500 | MP1610                                                                            | CLPF1600                                                                          | CLPF1000                                                                          | CLPF500                                                                           | CLPK1000                                                                            | CLPK500                                                                             | CLPO1000                                                                            |
| MKS18064R5 | 1800 | 600  | 400 | MP1806                                                                            | CLPF1800                                                                          | CLPF600                                                                           | CLPF400                                                                           | CLPK600                                                                             | CLPK400                                                                             | CLPO600                                                                             |
| MKS18084R5 | 1800 | 800  | 400 | MP1808                                                                            | CLPF1800                                                                          | CLPF800                                                                           | CLPF400                                                                           | CLPK800                                                                             | CLPK400                                                                             | CLPO800                                                                             |
| MKS18085R5 | 1800 | 800  | 500 | MP1808                                                                            | CLPF1800                                                                          | CLPF800                                                                           | CLPF500                                                                           | CLPK800                                                                             | CLPK500                                                                             | CLPO800                                                                             |
| MKS18104R5 | 1800 | 1000 | 400 | MP1810                                                                            | CLPF1800                                                                          | CLPF1000                                                                          | CLPF400                                                                           | CLPK1000                                                                            | CLPK400                                                                             | CLPO1000                                                                            |
| MKS20064R5 | 2000 | 600  | 400 | MP2006                                                                            | CLPF2000                                                                          | CLPF600                                                                           | CLPF400                                                                           | CLPK600                                                                             | CLPK400                                                                             | CLPO600                                                                             |
| MKS20084R5 | 2000 | 800  | 400 | MP2008                                                                            | CLPF2000                                                                          | CLPF800                                                                           | CLPF400                                                                           | CLPK800                                                                             | CLPK400                                                                             | CLPO800                                                                             |
| MKS20085R5 | 2000 | 800  | 500 | MP2008                                                                            | CLPF2000                                                                          | CLPF800                                                                           | CLPF500                                                                           | CLPK800                                                                             | CLPK500                                                                             | CLPO800                                                                             |
| MKS20104R5 | 2000 | 1000 | 400 | MP2010                                                                            | CLPF2000                                                                          | CLPF1000                                                                          | CLPF400                                                                           | CLPK1000                                                                            | CLPK400                                                                             | CLPO1000                                                                            |
| MKS20105R5 | 2000 | 1000 | 500 | MP2010                                                                            | CLPF2000                                                                          | CLPF1000                                                                          | CLPF500                                                                           | CLPK1000                                                                            | CLPK500                                                                             | CLPO1000                                                                            |

\* For compact enclosures (MKS/MKD) the CLPF in depth or a CLPK in width should be used in combination with CAK02 (Profile bracket for compact enclosures).

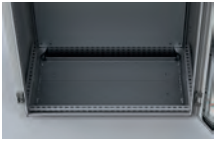
|            |      |      |     |  |  |  |  |  |
|------------|------|------|-----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Enclosure  |      |      |     | Mounting                                                                            |                                                                                     |                                                                                      |                                                                                       |                                                                                       |
|            | H    | W    | D   | Side mounting bar                                                                   | Full height swing frame                                                             | Swing frame middle mounted                                                           | Swing frame side mounted                                                              | Swing frame transversal support bars                                                  |
| MKS12064R5 | 1200 | 600  | 400 | CMB402                                                                              | -                                                                                   | -                                                                                    | -                                                                                     | -                                                                                     |
| MKS12084R5 | 1200 | 800  | 400 | CMB402                                                                              | -                                                                                   | -                                                                                    | -                                                                                     | -                                                                                     |
| MKS14063R5 | 1400 | 600  | 300 | CMB302                                                                              | ESFC276                                                                             | -                                                                                    | -                                                                                     | ESFB06                                                                                |
| MKS14064R5 | 1400 | 600  | 400 | CMB402                                                                              | ESFC276                                                                             | -                                                                                    | -                                                                                     | ESFB06                                                                                |
| MKS14083R5 | 1400 | 800  | 300 | CMB302                                                                              | ESFC276                                                                             | ESFM278                                                                              | ESFS278                                                                               | ESFB08                                                                                |
| MKS14084R5 | 1400 | 800  | 400 | CMB402                                                                              | ESFC276                                                                             | ESFM278                                                                              | ESFS278                                                                               | ESFB08                                                                                |
| MKS16063R5 | 1600 | 600  | 300 | CMB302                                                                              | ESFC316                                                                             | -                                                                                    | -                                                                                     | ESFB06                                                                                |
| MKS16064R5 | 1600 | 600  | 400 | CMB402                                                                              | ESFC316                                                                             | -                                                                                    | -                                                                                     | ESFB06                                                                                |
| MKS16083R5 | 1600 | 800  | 300 | CMB302                                                                              | ESFC316                                                                             | ESFM318                                                                              | ESFS278                                                                               | ESFB08                                                                                |
| MKS16084R5 | 1600 | 800  | 400 | CMB402                                                                              | ESFC316                                                                             | ESFM318                                                                              | ESFS318                                                                               | ESFB08                                                                                |
| MKS16085R5 | 1600 | 800  | 500 | CMB502                                                                              | ESFC316                                                                             | ESFM318                                                                              | ESFS318                                                                               | ESFB08                                                                                |
| MKS16104R5 | 1600 | 1000 | 400 | CMB402                                                                              | ESFC316                                                                             | ESFM318                                                                              | ESFS318                                                                               | ESFB10                                                                                |
| MKS16105R5 | 1600 | 1000 | 500 | CMB502                                                                              | ESFC316                                                                             | ESFM318                                                                              | ESFS318                                                                               | ESFB10                                                                                |
| MKS18064R5 | 1800 | 600  | 400 | CMB402                                                                              | ESFC366                                                                             | -                                                                                    | -                                                                                     | ESFB06                                                                                |
| MKS18084R5 | 1800 | 800  | 400 | CMB402                                                                              | ESFC366                                                                             | ESFM368                                                                              | ESFS368                                                                               | ESFB08                                                                                |
| MKS18085R5 | 1800 | 800  | 500 | CMB502                                                                              | ESFC366                                                                             | ESFM368                                                                              | ESFS368                                                                               | ESFB08                                                                                |
| MKS18104R5 | 1800 | 1000 | 400 | CMB402                                                                              | ESFC366                                                                             | ESFM368                                                                              | ESFS368                                                                               | ESFB10                                                                                |
| MKS20064R5 | 2000 | 600  | 400 | CMB402                                                                              | ESFC406                                                                             | -                                                                                    | -                                                                                     | ESFB06                                                                                |
| MKS20084R5 | 2000 | 800  | 400 | CMB402                                                                              | ESFC406                                                                             | ESFM408                                                                              | ESFS408                                                                               | ESFB08                                                                                |
| MKS20085R5 | 2000 | 800  | 500 | CMB502                                                                              | ESFC406                                                                             | ESFM408                                                                              | ESFS408                                                                               | ESFB08                                                                                |
| MKS20104R5 | 2000 | 1000 | 400 | CMB402                                                                              | ESFC406                                                                             | ESFM408                                                                              | ESFS408                                                                               | ESFB10                                                                                |
| MKS20105R5 | 2000 | 1000 | 500 | CMB502                                                                              | ESFC406                                                                             | ESFM408                                                                              | ESFS408                                                                               | ESFB10                                                                                |



|                                          |      |      |     |  |  |  |  |  |
|------------------------------------------|------|------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Enclosure                                |      |      |     | Mounting                                                                          |                                                                                   | Doors                                                                              |                                                                                     |                                                                                     |
|                                          | H    | W    | D   | Mounting profiles (19") *                                                         | Brackets for fixing 19" mounting profiles                                         | Plain door **                                                                      | Glazed door **                                                                      | Inner door                                                                          |
| MKS12064R5                               | 1200 | 600  | 400 | CIP24                                                                             | CIB600                                                                            | DN1206R5                                                                           | DNG1206R5                                                                           | DI1206R5                                                                            |
| MKS12084R5                               | 1200 | 800  | 400 | CIP24                                                                             | CIB800                                                                            | DN1208R5                                                                           | DNG1208R5                                                                           | DI1208R5                                                                            |
| MKS14063R5                               | 1400 | 600  | 300 | CIP29                                                                             | CIB600                                                                            | DN1406R5                                                                           | DNG1406R5                                                                           | DI1406R5                                                                            |
| MKS14064R5                               | 1400 | 600  | 400 | CIP29                                                                             | CIB600                                                                            | DN1406R5                                                                           | DNG1406R5                                                                           | DI1406R5                                                                            |
| MKS14083R5                               | 1400 | 800  | 300 | CIP29                                                                             | CIB800                                                                            | DN1408R5                                                                           | DNG1408R5                                                                           | DI1408R5                                                                            |
| MKS14084R5                               | 1400 | 800  | 400 | CIP29                                                                             | CIB800                                                                            | DN1408R5                                                                           | DNG1408R5                                                                           | DI1408R5                                                                            |
| MKS16063R5                               | 1600 | 600  | 300 | CIP33                                                                             | CIB600                                                                            | DN1606R5                                                                           | DNG1606R5                                                                           | DI1606R5                                                                            |
| MKS16064R5                               | 1600 | 600  | 400 | CIP33                                                                             | CIB600                                                                            | DN1606R5                                                                           | DNG1606R5                                                                           | DI1606R5                                                                            |
| MKS16083R5                               | 1600 | 800  | 300 | CIP33                                                                             | CIB800                                                                            | DN1608R5                                                                           | DNG1608R5                                                                           | DI1608R5                                                                            |
| MKS16084R5                               | 1600 | 800  | 400 | CIP33                                                                             | CIB800                                                                            | DN1608R5                                                                           | DNG1608R5                                                                           | DI1608R5                                                                            |
| MKS16085R5                               | 1600 | 800  | 500 | CIP33                                                                             | CIB800                                                                            | DN1608R5                                                                           | DNG1608R5                                                                           | DI1608R5                                                                            |
| MKS16104R5                               | 1600 | 1000 | 400 | -                                                                                 | -                                                                                 | DN1610R5                                                                           | -                                                                                   | -                                                                                   |
| MKS16105R5                               | 1600 | 1000 | 500 | -                                                                                 | -                                                                                 | DN1610R5                                                                           | -                                                                                   | -                                                                                   |
| MKS18064R5                               | 1800 | 600  | 400 | CIP38                                                                             | CIB600                                                                            | DN1806R5                                                                           | DNG1806R5                                                                           | DI1806R5                                                                            |
| MKS18084R5                               | 1800 | 800  | 400 | CIP38                                                                             | CIB800                                                                            | DN1808R5                                                                           | DNG1808R5                                                                           | DI1808R5                                                                            |
| MKS18085R5                               | 1800 | 800  | 500 | CIP38                                                                             | CIB800                                                                            | DN1808R5                                                                           | DNG1808R5                                                                           | DI1808R5                                                                            |
| MKS18104R5                               | 1800 | 1000 | 400 | -                                                                                 | -                                                                                 | DN1810R5                                                                           | -                                                                                   | -                                                                                   |
| MKS20064R5                               | 2000 | 600  | 400 | CIP42                                                                             | CIB600                                                                            | DN2006R5                                                                           | DNG2006R5                                                                           | DI2006R5                                                                            |
| MKS20084R5                               | 2000 | 800  | 400 | CIP42                                                                             | CIB800                                                                            | DN2008R5                                                                           | DNG2008R5                                                                           | DI2008R5                                                                            |
| MKS20085R5                               | 2000 | 800  | 500 | CIP42                                                                             | CIB800                                                                            | DN2008R5                                                                           | DNG2008R5                                                                           | DI2008R5                                                                            |
| MKS20104R5                               | 2000 | 1000 | 400 | -                                                                                 | -                                                                                 | DN2010R5                                                                           | -                                                                                   | -                                                                                   |
| MKS20105R5                               | 2000 | 1000 | 500 | -                                                                                 | -                                                                                 | DN2010R5                                                                           | -                                                                                   | -                                                                                   |
| * CIB, CID or CIWR are required.         |      |      |     |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
| ** DNMK is required for additional door. |      |      |     |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |

|            |      |      |     |  |  |  |  |  |
|------------|------|------|-----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Enclosure  |      |      |     | Fixing                                                                              |                                                                                     |                                                                                      |                                                                                       |                                                                                       |
|            | H    | W    | D   | Front/rear plinths (100 mm height)                                                  | Side plinths (100 mm height)                                                        | Front/rear plinths (200 mm height)                                                   | Side plinths (200 mm height)                                                          | Ventilated front/rear plinths                                                         |
| MKS12064R5 | 1200 | 600  | 400 | PF1060                                                                              | PS1040                                                                              | PF2060                                                                               | PS2040                                                                                | PV1060                                                                                |
| MKS12084R5 | 1200 | 800  | 400 | PF1080                                                                              | PS1040                                                                              | PF2080                                                                               | PS2040                                                                                | PV1080                                                                                |
| MKS14063R5 | 1400 | 600  | 300 | PF1060                                                                              | PS1030                                                                              | PF2060                                                                               | PS2030                                                                                | PV1060                                                                                |
| MKS14064R5 | 1400 | 600  | 400 | PF1060                                                                              | PS1040                                                                              | PF2060                                                                               | PS2040                                                                                | PV1060                                                                                |
| MKS14083R5 | 1400 | 800  | 300 | PF1080                                                                              | PS1030                                                                              | PF2080                                                                               | PS2030                                                                                | PV1080                                                                                |
| MKS14084R5 | 1400 | 800  | 400 | PF1080                                                                              | PS1040                                                                              | PF2080                                                                               | PS2040                                                                                | PV1080                                                                                |
| MKS16063R5 | 1600 | 600  | 300 | PF1060                                                                              | PS1030                                                                              | PF2060                                                                               | PS2030                                                                                | PV1060                                                                                |
| MKS16064R5 | 1600 | 600  | 400 | PF1060                                                                              | PS1040                                                                              | PF2060                                                                               | PS2040                                                                                | PV1060                                                                                |
| MKS16083R5 | 1600 | 800  | 300 | PF1080                                                                              | PS1030                                                                              | PF2080                                                                               | PS2030                                                                                | PV1080                                                                                |
| MKS16084R5 | 1600 | 800  | 400 | PF1080                                                                              | PS1040                                                                              | PF2080                                                                               | PS2040                                                                                | PV1080                                                                                |
| MKS16085R5 | 1600 | 800  | 500 | PF1080                                                                              | PS1050                                                                              | PF2080                                                                               | PS2050                                                                                | PV1080                                                                                |
| MKS16104R5 | 1600 | 1000 | 400 | PF1100                                                                              | PS1040                                                                              | PF2100                                                                               | PS2040                                                                                | PV1100                                                                                |
| MKS16105R5 | 1600 | 1000 | 500 | PF1100                                                                              | PS1050                                                                              | PF2100                                                                               | PS2050                                                                                | PV1100                                                                                |
| MKS18064R5 | 1800 | 600  | 400 | PF1060                                                                              | PS1040                                                                              | PF2060                                                                               | PS2040                                                                                | PV1060                                                                                |
| MKS18084R5 | 1800 | 800  | 400 | PF1080                                                                              | PS1040                                                                              | PF2080                                                                               | PS2040                                                                                | PV1080                                                                                |
| MKS18085R5 | 1800 | 800  | 500 | PF1080                                                                              | PS1050                                                                              | PF2080                                                                               | PS2050                                                                                | PV1080                                                                                |
| MKS18104R5 | 1800 | 1000 | 400 | PF1100                                                                              | PS1040                                                                              | PF2100                                                                               | PS2040                                                                                | PV1100                                                                                |
| MKS20064R5 | 2000 | 600  | 400 | PF1060                                                                              | PS1040                                                                              | PF2060                                                                               | PS2040                                                                                | PV1060                                                                                |
| MKS20084R5 | 2000 | 800  | 400 | PF1080                                                                              | PS1040                                                                              | PF2080                                                                               | PS2040                                                                                | PV1080                                                                                |
| MKS20085R5 | 2000 | 800  | 500 | PF1080                                                                              | PS1050                                                                              | PF2080                                                                               | PS2050                                                                                | PV1080                                                                                |
| MKS20104R5 | 2000 | 1000 | 400 | PF1100                                                                              | PS1040                                                                              | PF2100                                                                               | PS2040                                                                                | PV1100                                                                                |
| MKS20105R5 | 2000 | 1000 | 500 | PF1100                                                                              | PS1050                                                                              | PF2100                                                                               | PS2050                                                                                | PV1100                                                                                |

# Accessories selection matrix | MKS

|            |      |      |     |  |  |  |  |
|------------|------|------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Enclosure  |      |      |     | Thermal                                                                           | Cable                                                                             |                                                                                    |                                                                                     |
|            | H    | W    | D   | Ventilated roof                                                                   | Cable fixing bar (mounted below bottom plates)                                    | Cable fixing bar (mounted above bottom plates)                                     | Ventilated bottom plates                                                            |
| MKS12064R5 | 1200 | 600  | 400 | CVR0604R5                                                                         | CABP600                                                                           | CAB600                                                                             | CVB0604                                                                             |
| MKS12084R5 | 1200 | 800  | 400 | CVR0804R5                                                                         | CABP800                                                                           | CAB800                                                                             | CVB0804                                                                             |
| MKS14063R5 | 1400 | 600  | 300 | CVR0603R5                                                                         | CABP600                                                                           | CAB600                                                                             | -                                                                                   |
| MKS14064R5 | 1400 | 600  | 400 | CVR0604R5                                                                         | CABP600                                                                           | CAB600                                                                             | CVB0604                                                                             |
| MKS14083R5 | 1400 | 800  | 300 | CVR0803R5                                                                         | CABP800                                                                           | CAB800                                                                             | -                                                                                   |
| MKS14084R5 | 1400 | 800  | 400 | CVR0804R5                                                                         | CABP800                                                                           | CAB800                                                                             | CVB0804                                                                             |
| MKS16063R5 | 1600 | 600  | 300 | CVR0603R5                                                                         | CABP600                                                                           | CAB600                                                                             | -                                                                                   |
| MKS16064R5 | 1600 | 600  | 400 | CVR0604R5                                                                         | CABP600                                                                           | CAB600                                                                             | CVB0604                                                                             |
| MKS16083R5 | 1600 | 800  | 300 | CVR0803R5                                                                         | CABP800                                                                           | CAB800                                                                             | -                                                                                   |
| MKS16084R5 | 1600 | 800  | 400 | CVR0804R5                                                                         | CABP800                                                                           | CAB800                                                                             | CVB0804                                                                             |
| MKS16085R5 | 1600 | 800  | 500 | CVR0805R5                                                                         | CABP800                                                                           | CAB800                                                                             | CVB0805                                                                             |
| MKS16104R5 | 1600 | 1000 | 400 | CVR1004R5                                                                         | CABP1000                                                                          | CAB1000                                                                            | CVB1004                                                                             |
| MKS16105R5 | 1600 | 1000 | 500 | CVR1005R5                                                                         | CABP1000                                                                          | CAB1000                                                                            | CVB1005                                                                             |
| MKS18064R5 | 1800 | 600  | 400 | CVR0604R5                                                                         | CABP600                                                                           | CAB600                                                                             | CVB0604                                                                             |
| MKS18084R5 | 1800 | 800  | 400 | CVR0804R5                                                                         | CABP800                                                                           | CAB800                                                                             | CVB0804                                                                             |
| MKS18085R5 | 1800 | 800  | 500 | CVR0805R5                                                                         | CABP800                                                                           | CAB800                                                                             | CVB0805                                                                             |
| MKS18104R5 | 1800 | 1000 | 400 | CVR1004R5                                                                         | CABP1000                                                                          | CAB1000                                                                            | CVB1004                                                                             |
| MKS20064R5 | 2000 | 600  | 400 | CVR0604R5                                                                         | CABP600                                                                           | CAB600                                                                             | CVB0604                                                                             |
| MKS20084R5 | 2000 | 800  | 400 | CVR0804R5                                                                         | CABP800                                                                           | CAB800                                                                             | CVB0804                                                                             |
| MKS20085R5 | 2000 | 800  | 500 | CVR0805R5                                                                         | CABP800                                                                           | CAB800                                                                             | CVB0805                                                                             |
| MKS20104R5 | 2000 | 1000 | 400 | CVR1004R5                                                                         | CABP1000                                                                          | CAB1000                                                                            | CVB1004                                                                             |
| MKS20105R5 | 2000 | 1000 | 500 | CVR1005R5                                                                         | CABP1000                                                                          | CAB1000                                                                            | CVB1005                                                                             |

# 01

## Floor Standing Enclosures



# Floor Standing Enclosures

## Steel Range | Mild Steel

### Compact, double door | MKD

IP 55 | TYPE 12, 13 | IK 10



**Material:**

Body: 1.35 mm painted steel. Rear and roof panels: 1.5 mm painted steel. Door: 2 mm painted steel. Mounting plate: 3 mm galvanized steel. Bottom plates: 1 mm galvanized steel.

**Body:**

Four times folded and seam-welded frame. Integrated depth profiles with hole pattern, allowing mounting plate adjustment in depth.

**Doors:**

Mounted with four hinges. Including door frame with 25 mm hole pattern. Standard doors cannot be reversed. Separate doors to be ordered for left hand door locking.

**Rear panel:**

Fitted by M6 torx screws. Standard facilities for rear door mounting. Split rear panels on 1600 mm wide enclosures.

**Roof panel:**

Removable.

**Lock:**

Espagnolette 4-point locking system in the main door and 2-point locking system in the slave door. Standard double-bit lock with 3 mm insert. Standard inserts, cylinders, lift handles and T-handles are available as accessories.

**Bottom plates:**

Consists of three pieces.

**Mounting plate:**

Double folded and slides into position. Adjustable in depth by steps of 25 mm, with the MPD02 accessory. Supplied, attached on the outside of the enclosure packaging.

**Earthing:**

All panels are earthed through their fittings and are equipped with a separate earthing stud.

**Finish:**

RAL 7035 structured powder coating.

**Protection:**

Complies with IP 55 | TYPE 12, 13 | IK 10.

**Delivery:**

Body with fitted door, rear panel, roof panel, bottom plates, mounting plate (except in PE version) and door frame. Delivery also includes earthing bolts. The enclosure is delivered on a pallet identical to the enclosure width. All packing material is recyclable.





## Dimensional table | MKD

### IP 55 | TYPE 12, 13 | IK 10

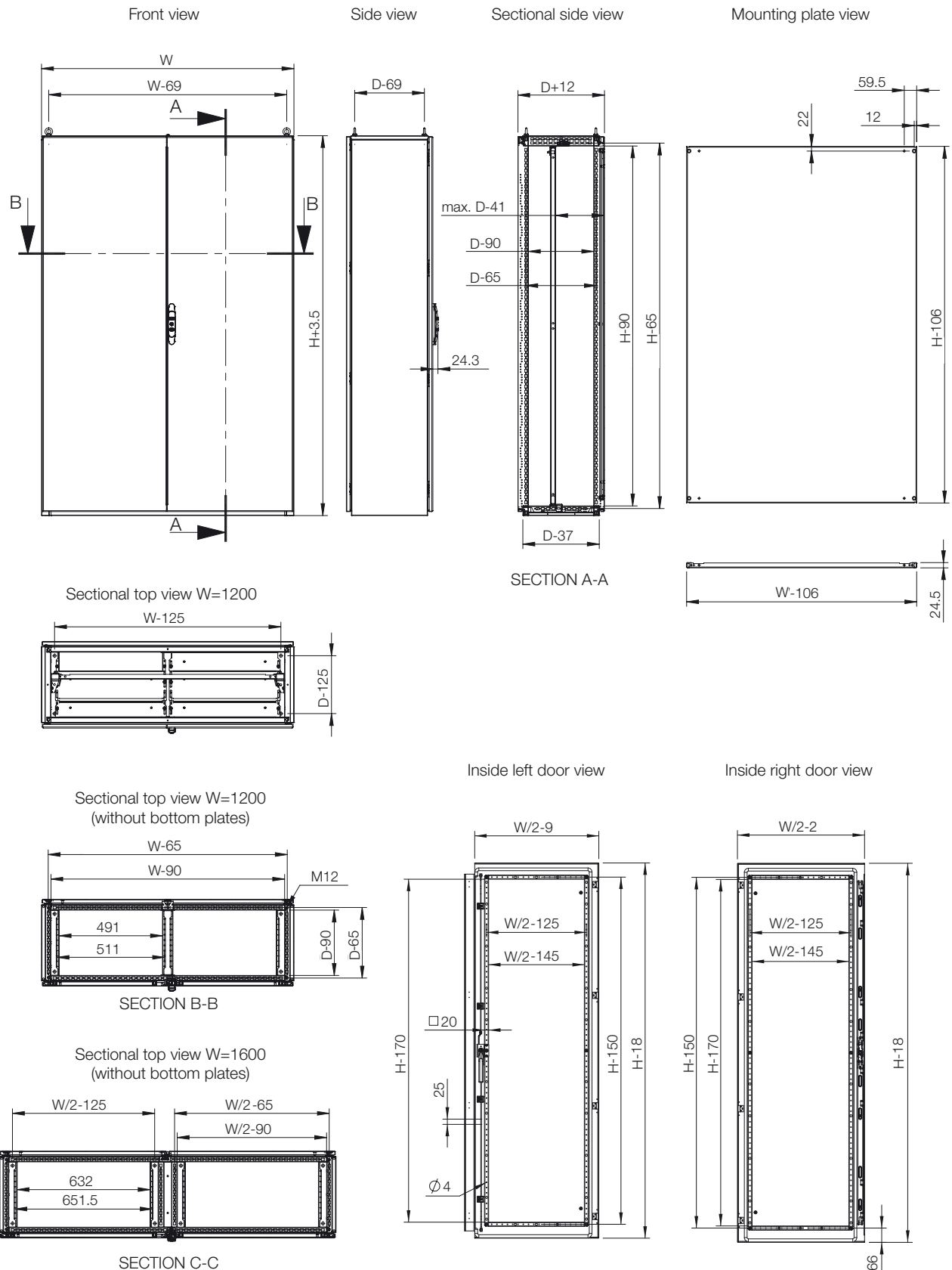
With mounting plate

| Enclosure dimensions |      |     | Mounting plate dimensions |      | Usable depth | Item no.   |
|----------------------|------|-----|---------------------------|------|--------------|------------|
| H                    | W    | D   | h                         | w    | d            |            |
| 1200                 | 1200 | 400 | 1094                      | 1094 | 359          | MKD12124R5 |
| 1400                 | 1000 | 300 | 1294                      | 894  | 259          | MKD14103R5 |
| 1400                 | 1000 | 400 | 1294                      | 894  | 359          | MKD14104R5 |
| 1400                 | 1200 | 300 | 1294                      | 1094 | 259          | MKD14123R5 |
| 1400                 | 1200 | 400 | 1294                      | 1094 | 359          | MKD14124R5 |
| 1600                 | 1200 | 400 | 1494                      | 1094 | 359          | MKD16124R5 |
| 1600                 | 1200 | 500 | 1494                      | 1094 | 459          | MKD16125R5 |
| 1800                 | 1200 | 400 | 1694                      | 1094 | 359          | MKD18124R5 |
| 1800                 | 1200 | 500 | 1694                      | 1094 | 459          | MKD18125R5 |
| 1800                 | 1600 | 400 | 1694                      | 1494 | 359          | MKD18164R5 |
| 1800                 | 1600 | 500 | 1694                      | 1494 | 459          | MKD18165R5 |
| 2000                 | 1200 | 400 | 1894                      | 1094 | 359          | MKD20124R5 |
| 2000                 | 1200 | 500 | 1894                      | 1094 | 459          | MKD20125R5 |
| 2000                 | 1600 | 400 | 1894                      | 1494 | 359          | MKD20164R5 |
| 2000                 | 1600 | 500 | 1894                      | 1494 | 459          | MKD20165R5 |

Without mounting plate

| Enclosure dimensions |      |     | Item no.     |
|----------------------|------|-----|--------------|
| H                    | W    | D   |              |
| 1200                 | 1200 | 400 | MKD12124PER5 |
| 1400                 | 1000 | 300 | MKD14103PER5 |
| 1400                 | 1000 | 400 | MKD14104PER5 |
| 1400                 | 1200 | 300 | MKD14123PER5 |
| 1400                 | 1200 | 400 | MKD14124PER5 |
| 1600                 | 1200 | 400 | MKD16124PER5 |
| 1600                 | 1200 | 500 | MKD16125PER5 |
| 1800                 | 1200 | 400 | MKD18124PER5 |
| 1800                 | 1200 | 500 | MKD18125PER5 |
| 1800                 | 1600 | 400 | MKD18164PER5 |
| 1800                 | 1600 | 500 | MKD18165PER5 |
| 2000                 | 1200 | 400 | MKD20124PER5 |
| 2000                 | 1200 | 500 | MKD20125PER5 |
| 2000                 | 1600 | 400 | MKD20164PER5 |
| 2000                 | 1600 | 500 | MKD20165PER5 |

For added cabling options, add plinths PF and PCP.



## Accessories selection matrix | MKD

|            |      |      |     |  |  |  |  |  |  |  |  |
|------------|------|------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Enclosure  |      |      |     | Mounting                                                                          |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
|            | H    | W    | D   | Mounting plate                                                                    | Mounting profile, in H                                                            | Mounting profile, in W                                                            | Mounting profile, in D *                                                          | Click in profile, in W *                                                           | Click in profile, in D                                                              | Side mounting bar                                                                   | Outer mounting profile, in W                                                        |
| MKD12124R5 | 1200 | 1200 | 400 | MP1212                                                                            | CLPF1200                                                                          | CLPF1200                                                                          | CLPF400                                                                           | CLPK1200                                                                           | CLPK400                                                                             | CMB402                                                                              | CLPO1200                                                                            |
| MKD14103R5 | 1400 | 1000 | 300 | MP1410                                                                            | CLPF1400                                                                          | CLPF1000                                                                          | CLPF300                                                                           | CLPK1000                                                                           | CLPK300                                                                             | CMB302                                                                              | CLPO1000                                                                            |
| MKD14104R5 | 1400 | 1000 | 400 | MP1410                                                                            | CLPF1400                                                                          | CLPF1000                                                                          | CLPF400                                                                           | CLPK1000                                                                           | CLPK400                                                                             | CMB402                                                                              | CLPO1000                                                                            |
| MKD14123R5 | 1400 | 1200 | 300 | MP1412                                                                            | CLPF1400                                                                          | CLPF1200                                                                          | CLPF300                                                                           | CLPK1200                                                                           | CLPK300                                                                             | CMB302                                                                              | CLPO1200                                                                            |
| MKD14124R5 | 1400 | 1200 | 400 | MP1412                                                                            | CLPF1400                                                                          | CLPF1200                                                                          | CLPF400                                                                           | CLPK1200                                                                           | CLPK400                                                                             | CMB402                                                                              | CLPO1200                                                                            |
| MKD16124R5 | 1600 | 1200 | 400 | MP1612                                                                            | CLPF1600                                                                          | CLPF1200                                                                          | CLPF400                                                                           | CLPK1200                                                                           | CLPK400                                                                             | CMB402                                                                              | CLPO1200                                                                            |
| MKD16125R5 | 1600 | 1200 | 500 | MP1612                                                                            | CLPF1600                                                                          | CLPF1200                                                                          | CLPF500                                                                           | CLPK1200                                                                           | CLPK500                                                                             | CMB502                                                                              | CLPO1200                                                                            |
| MKD18124R5 | 1800 | 1200 | 400 | MP1812                                                                            | CLPF1800                                                                          | CLPF1200                                                                          | CLPF400                                                                           | CLPK1200                                                                           | CLPK400                                                                             | CMB402                                                                              | CLPO1200                                                                            |
| MKD18125R5 | 1800 | 1200 | 500 | MP1812                                                                            | CLPF1800                                                                          | CLPF1200                                                                          | CLPF500                                                                           | CLPK1200                                                                           | CLPK500                                                                             | CMB502                                                                              | CLPO1200                                                                            |
| MKD18164R5 | 1800 | 1600 | 400 | MP1816                                                                            | CLPF1800                                                                          | CLPF1600                                                                          | CLPF400                                                                           | -                                                                                  | CLPK400                                                                             | CMB402                                                                              | -                                                                                   |
| MKD18165R5 | 1800 | 1600 | 500 | MP1816                                                                            | CLPF1800                                                                          | CLPF1600                                                                          | CLPF500                                                                           | -                                                                                  | CLPK500                                                                             | CMB502                                                                              | -                                                                                   |
| MKD20124R5 | 2000 | 1200 | 400 | MP2012                                                                            | CLPF2000                                                                          | CLPF1200                                                                          | CLPF400                                                                           | CLPK1200                                                                           | CLPK400                                                                             | CMB402                                                                              | CLPO1200                                                                            |
| MKD20125R5 | 2000 | 1200 | 500 | MP2012                                                                            | CLPF2000                                                                          | CLPF1200                                                                          | CLPF500                                                                           | CLPK1200                                                                           | CLPK500                                                                             | CMB502                                                                              | CLPO1200                                                                            |
| MKD20164R5 | 2000 | 1600 | 400 | MP2016                                                                            | CLPF2000                                                                          | CLPF1600                                                                          | CLPF400                                                                           | -                                                                                  | CLPK400                                                                             | CMB402                                                                              | -                                                                                   |
| MKD20165R5 | 2000 | 1600 | 500 | MP2016                                                                            | CLPF2000                                                                          | CLPF1600                                                                          | CLPF500                                                                           | -                                                                                  | CLPK500                                                                             | CMB502                                                                              | -                                                                                   |

\* For compact enclosures (MKS/MKD) the CLPF in depth or a CLPK in width should be used in combination with CAK02 (Profile bracket for compact enclosures).

|            |      |      |     |  |  |  |  |  |  |  |
|------------|------|------|-----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Enclosure  |      |      |     | Fixing                                                                              |                                                                                     |                                                                                     |                                                                                      |                                                                                       | Doors                                                                                 |                                                                                       |
|            | H    | W    | D   | Front/rear plinths (100 mm height)                                                  | Plinth side panels (100 mm height)                                                  | Front/rear plinths (200 mm height)                                                  | Plinth side panels (200 mm height)                                                   | Ventilated front/rear plinths (100 mm height)                                         | Plain door, left *                                                                    | Plain door, right *                                                                   |
| MKD12124R5 | 1200 | 1200 | 400 | PF1120                                                                              | PS1040                                                                              | PF2120                                                                              | PS2040                                                                               | PV1120                                                                                | DN1206LR5                                                                             | DN1206RR5                                                                             |
| MKD14103R5 | 1400 | 1000 | 300 | PF1100                                                                              | PS1030                                                                              | PF2100                                                                              | PS2030                                                                               | PV1100                                                                                | DN1405LR5                                                                             | DN1405RR5                                                                             |
| MKD14104R5 | 1400 | 1000 | 400 | PF1100                                                                              | PS1040                                                                              | PF2100                                                                              | PS2040                                                                               | PV1100                                                                                | DN1405LR5                                                                             | DN1405RR5                                                                             |
| MKD14123R5 | 1400 | 1200 | 300 | PF1120                                                                              | PS1030                                                                              | PF2120                                                                              | PS2030                                                                               | PV1120                                                                                | DN1406LR5                                                                             | DN1406RR5                                                                             |
| MKD14124R5 | 1400 | 1200 | 400 | PF1120                                                                              | PS1040                                                                              | PF2120                                                                              | PS2040                                                                               | PV1120                                                                                | DN1406LR5                                                                             | DN1406RR5                                                                             |
| MKD16124R5 | 1600 | 1200 | 400 | PF1120                                                                              | PS1040                                                                              | PF2120                                                                              | PS2040                                                                               | PV1120                                                                                | DN1606LR5                                                                             | DN1606RR5                                                                             |
| MKD16125R5 | 1600 | 1200 | 500 | PF1120                                                                              | PS1050                                                                              | PF2120                                                                              | PS2050                                                                               | PV1120                                                                                | DN1606LR5                                                                             | DN1606RR5                                                                             |
| MKD18124R5 | 1800 | 1200 | 400 | PF1120                                                                              | PS1040                                                                              | PF2120                                                                              | PS2040                                                                               | PV1120                                                                                | DN1806LR5                                                                             | DN1806RR5                                                                             |
| MKD18125R5 | 1800 | 1200 | 500 | PF1120                                                                              | PS1050                                                                              | PF2120                                                                              | PS2050                                                                               | PV1120                                                                                | DN1806LR5                                                                             | DN1806RR5                                                                             |
| MKD18164R5 | 1800 | 1600 | 400 | 2x PF1080                                                                           | PS1040                                                                              | 2x PF2080                                                                           | PS2040                                                                               | 2x PV1080                                                                             | DN1808LR5                                                                             | DN1808RR5                                                                             |
| MKD18165R5 | 1800 | 1600 | 500 | 2x PF1080                                                                           | PS1050                                                                              | 2x PF2080                                                                           | PS2050                                                                               | 2x PV1080                                                                             | DN1808LR5                                                                             | DN1808RR5                                                                             |
| MKD20124R5 | 2000 | 1200 | 400 | PF1120                                                                              | PS1040                                                                              | PF2120                                                                              | PS2040                                                                               | PV1120                                                                                | DN2006LR5                                                                             | DN2006RR5                                                                             |
| MKD20125R5 | 2000 | 1200 | 500 | PF1120                                                                              | PS1050                                                                              | PF2120                                                                              | PS2050                                                                               | PV1120                                                                                | DN2006LR5                                                                             | DN2006RR5                                                                             |
| MKD20164R5 | 2000 | 1600 | 400 | 2x PF1080                                                                           | PS1040                                                                              | 2x PF2080                                                                           | PS2040                                                                               | 2x PV1080                                                                             | DN2008LR5                                                                             | DN2008RR5                                                                             |
| MKD20165R5 | 2000 | 1600 | 500 | 2x PF1080                                                                           | PS1050                                                                              | 2x PF2080                                                                           | PS2050                                                                               | 2x PV1080                                                                             | DN2008LR5                                                                             | DN2008RR5                                                                             |

\* DNMK is required for additional door.

|            |      |      |     |  |  |  |  |
|------------|------|------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Enclosure  |      |      |     | Thermal                                                                           | Cable                                                                             |                                                                                    |                                                                                     |
|            | H    | W    | D   | Ventilated roof                                                                   | Cable fixing bar (mounted below bottom plates)                                    | Cable fixing bar (mounted above bottom plates)                                     | Ventilated bottom plates                                                            |
| MKD12124R5 | 1200 | 1200 | 400 | CVR1204R5                                                                         | CABP1200                                                                          | CAB1200                                                                            | -                                                                                   |
| MKD14103R5 | 1400 | 1000 | 300 | CVR1003R5                                                                         | CABP1000                                                                          | CAB1000                                                                            | -                                                                                   |
| MKD14104R5 | 1400 | 1000 | 400 | CVR1004R5                                                                         | CABP1000                                                                          | CAB1000                                                                            | -                                                                                   |
| MKD14123R5 | 1400 | 1200 | 300 | CVR1203R5                                                                         | CABP1200                                                                          | CAB1200                                                                            | -                                                                                   |
| MKD14124R5 | 1400 | 1200 | 400 | CVR1004R5                                                                         | CABP1200                                                                          | CAB1200                                                                            | -                                                                                   |
| MKD16124R5 | 1600 | 1200 | 400 | CVR1204R5                                                                         | CABP1200                                                                          | CAB1200                                                                            | -                                                                                   |
| MKD16125R5 | 1600 | 1200 | 500 | CVR1205R5                                                                         | CABP1200                                                                          | CAB1200                                                                            | -                                                                                   |
| MKD18124R5 | 1800 | 1200 | 400 | CVR1204R5                                                                         | CABP1200                                                                          | CAB1200                                                                            | -                                                                                   |
| MKD18125R5 | 1800 | 1200 | 500 | CVR1205R5                                                                         | CABP1200                                                                          | CAB1200                                                                            | -                                                                                   |
| MKD18164R5 | 1800 | 1600 | 400 | CVR1604R5                                                                         | CABP800                                                                           | CAB800                                                                             | 2x CVB0804                                                                          |
| MKD18165R5 | 1800 | 1600 | 500 | CVR1605R5                                                                         | CABP800                                                                           | CAB800                                                                             | 2x CVB0805                                                                          |
| MKD20124R5 | 2000 | 1200 | 400 | CVR1204R5                                                                         | CABP1200                                                                          | CAB1200                                                                            | -                                                                                   |
| MKD20125R5 | 2000 | 1200 | 500 | CVR1205R5                                                                         | CABP1200                                                                          | CAB1200                                                                            | -                                                                                   |
| MKD20164R5 | 2000 | 1600 | 400 | CVR1604R5                                                                         | CABP800                                                                           | CAB800                                                                             | 2x CVB0804                                                                          |
| MKD20165R5 | 2000 | 1600 | 500 | CVR1605R5                                                                         | CABP800                                                                           | CAB800                                                                             | 2x CVB0805                                                                          |

# Floor Standing Enclosures

## Steel Range | Stainless Steel

### Combinable, single door | MCSS

IP 55 | TYPE 12, 13 | IK 10





**Material:**

AISI 304L pre-grained stainless steel / AISI 316L. Frame: 1.5 mm. Door: 2 mm. Rear, roof and side panels: 1.5 mm. Bottom plates: 1.5 mm stainless steel. Mounting plate: 3 mm galvanized steel.

**Frame:**

Seam welded reversed open profiles with 25 mm hole pattern, according to DIN 43660.

**Door:**

Mounted with four hinges allowing left or right hand opening. Including door frame with 25 mm hole pattern.

**Rear panel:**

Fitted by M6 torx screws. Standard facilities for rear door mounting.

**Side panels:**

Supplied as an accessory.

**Roof panel:**

Removable.

**Lock:**

Espagnolette 4-point locking system. Does not interfere with the enclosure inner space. Standard double-bit 3 mm insert. Standard inserts, cylinders, lift handles and T-handle are available as accessories.

**Bottom plates:**

One piece bottom plate, with injected polyurethane gasket to ensure maximum sealing.

**Mounting plate:**

Double folded and slides into position. Adjustable in depth by steps of 25 mm, with the MPD02 accessory. Mounting plate is supplied, attached on the outside of the enclosure packaging.

**Earthing:**

All panels are earthed through their fittings and are equipped with a separate earthing stud.

**Finish:**

400 pre-grained stainless steel.

**Protection:**

Corresponds with IP 55 | TYPE 12, 13 | IK 10.

**Mounting requirements:**

Standard delivery ready for combined installation. For stand-alone installation, add side panels.

**Delivery:**

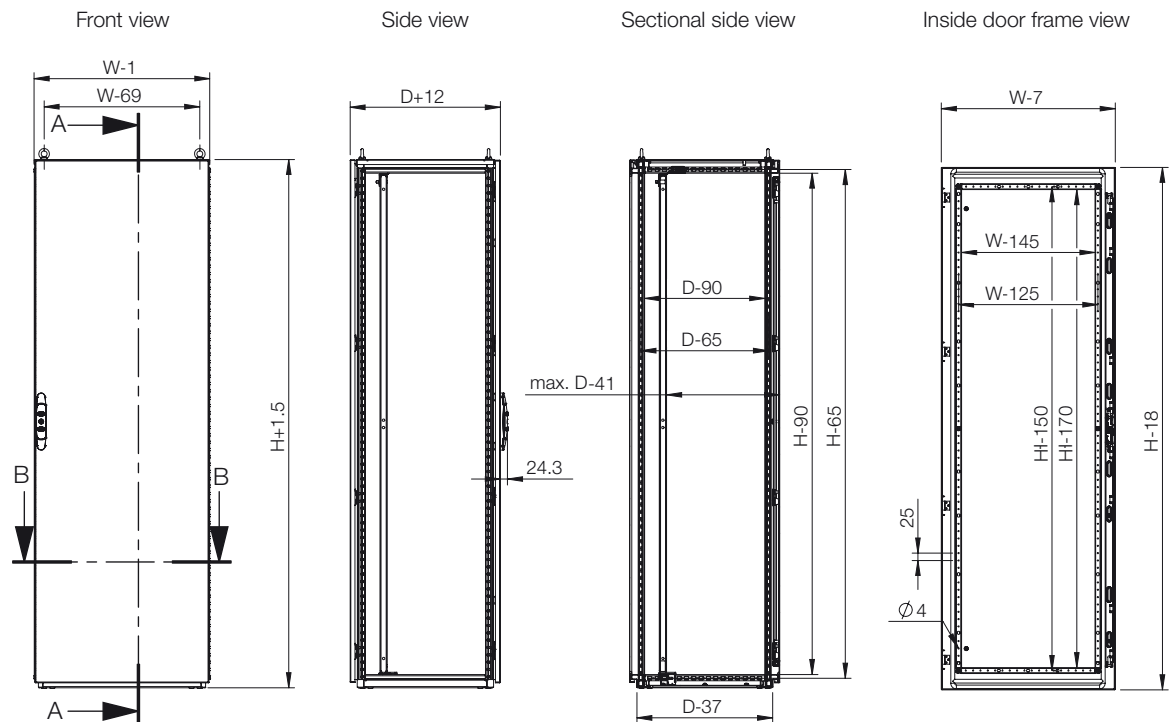
Frame with fitted door, rear panel, roof panel, bottom plate, mounting plate and door frame. Delivery also includes earthing bolts. Delivered on a pallet which is identical to the width of the enclosure to allow baying without removal. All packing material is recyclable.



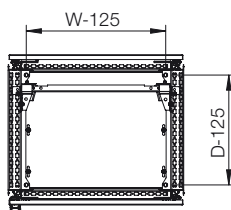
# Dimensional table | MCSS

## IP 55 | TYPE 12, 13 | IK 10

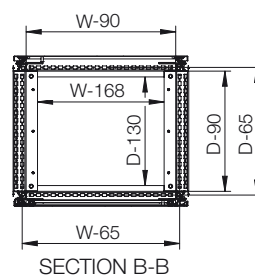
| Enclosure dimensions |      |     | Mounting plate dimensions |     | Item no.      |
|----------------------|------|-----|---------------------------|-----|---------------|
| H                    | W    | D   | h                         | w   |               |
| 1800                 | 600  | 500 | 1694                      | 494 | MCSS18065     |
| 1800                 | 600  | 500 | 1694                      | 494 | MCSS18065-316 |
| 1800                 | 800  | 500 | 1694                      | 694 | MCSS18085     |
| 1800                 | 800  | 500 | 1694                      | 694 | MCSS18085-316 |
| 1800                 | 1000 | 500 | 1694                      | 894 | MCSS18105     |
| 1800                 | 1000 | 500 | 1694                      | 894 | MCSS18105-316 |
| 2000                 | 600  | 600 | 1894                      | 494 | MCSS20066     |
| 2000                 | 600  | 600 | 1894                      | 494 | MCSS20066-316 |
| 2000                 | 800  | 600 | 1894                      | 694 | MCSS20086     |
| 2000                 | 800  | 600 | 1894                      | 694 | MCSS20086-316 |
| 2000                 | 1000 | 600 | 1894                      | 894 | MCSS20106     |
| 2000                 | 1000 | 600 | 1894                      | 894 | MCSS20106-316 |



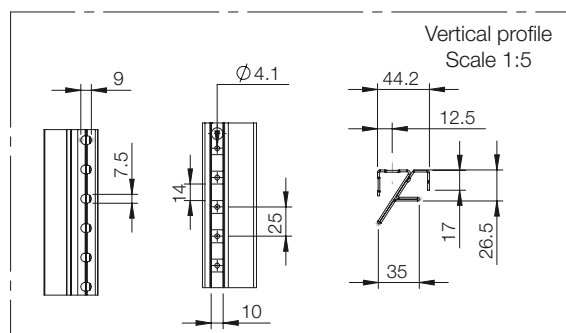
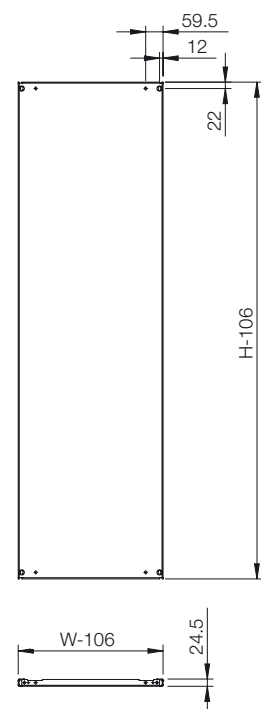
Sectional top view



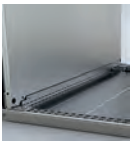
Sectional top view  
(without bottom plates)

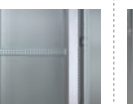
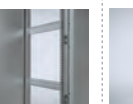


Mounting plate view

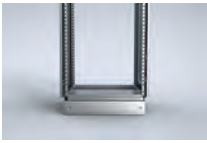
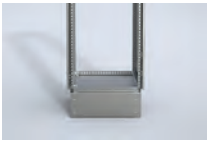


## Accessories selection matrix | MCSS

|                                                         |      |      |     |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
|---------------------------------------------------------|------|------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                                         |      |      |     |  |  |  |  |  |  |
| Enclosure                                               |      |      |     | Mounting                                                                          |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
|                                                         | H    | W    | D   | Mounting plate                                                                    | Wide mounting plate *                                                             | Transversal sliding profiles                                                      | Mounting profiles (19") **                                                         | Brackets for fixing 19" mounting profiles                                           | Side mounting bar                                                                   |
| MCSS18065                                               | 1800 | 600  | 500 | MP1806                                                                            | MPW1806                                                                           | MTS600                                                                            | CIP38                                                                              | CIB600                                                                              | CMB502                                                                              |
| MCSS18085                                               | 1800 | 800  | 500 | MP1808                                                                            | MPW1808                                                                           | MTS800                                                                            | CIP38                                                                              | CIB800                                                                              | CMB502                                                                              |
| MCSS18105                                               | 1800 | 1000 | 500 | MP1810                                                                            | MPW1810                                                                           | MTS1000                                                                           | -                                                                                  | -                                                                                   | CMB502                                                                              |
| MCSS20066                                               | 2000 | 600  | 600 | MP2006                                                                            | MPW2006                                                                           | MTS600                                                                            | CIP42                                                                              | CIB600                                                                              | CMB602                                                                              |
| MCSS20086                                               | 2000 | 800  | 600 | MP2008                                                                            | MPW2008                                                                           | MTS800                                                                            | CIP42                                                                              | CIB800                                                                              | CMB602                                                                              |
| MCSS20106                                               | 2000 | 1000 | 600 | MP2010                                                                            | MPW2010                                                                           | MTS1000                                                                           | -                                                                                  | -                                                                                   | CMB602                                                                              |
| * MTS is required.<br>** CIB, CID or CIWR are required. |      |      |     |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |

|           |      |      |     |                                                                                    |                                                                                    |                                                                                    |                                                                                     |                                                                                      |                                                                                      |                                                                                      |
|-----------|------|------|-----|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|           |      |      |     |  |  |  |  |  |  |  |
| Enclosure |      |      |     | Mounting                                                                           |                                                                                    |                                                                                    |                                                                                     |                                                                                      |                                                                                      |                                                                                      |
|           | H    | W    | D   | Mounting profile,<br>in H                                                          | Mounting profile,<br>in W                                                          | Mounting<br>profile, in D                                                          | Click in profile,<br>in W                                                           | Click in profile,<br>in D                                                            | Outer mounting<br>profile, in W                                                      | Outer mounting<br>profile, in D                                                      |
| MCSS18065 | 1800 | 600  | 500 | CLPF1800                                                                           | CLPF600                                                                            | CLPF500                                                                            | CLPK600                                                                             | CLPK500                                                                              | CLPO600                                                                              | CLPO500                                                                              |
| MCSS18085 | 1800 | 800  | 500 | CLPF1800                                                                           | CLPF800                                                                            | CLPF500                                                                            | CLPK800                                                                             | CLPK500                                                                              | CLPO800                                                                              | CLPO500                                                                              |
| MCSS18105 | 1800 | 1000 | 500 | CLPF1800                                                                           | CLPF1000                                                                           | CLPF500                                                                            | CLPK1000                                                                            | CLPK500                                                                              | CLPO1000                                                                             | CLPO500                                                                              |
| MCSS20066 | 2000 | 600  | 600 | CLPF2000                                                                           | CLPF600                                                                            | CLPF600                                                                            | CLPK600                                                                             | CLPK600                                                                              | CLPO600                                                                              | CLPO600                                                                              |
| MCSS20086 | 2000 | 800  | 600 | CLPF2000                                                                           | CLPF800                                                                            | CLPF600                                                                            | CLPK800                                                                             | CLPK600                                                                              | CLPO800                                                                              | CLPO600                                                                              |
| MCSS20106 | 2000 | 1000 | 600 | CLPF2000                                                                           | CLPF1000                                                                           | CLPF600                                                                            | CLPK1000                                                                            | CLPK600                                                                              | CLPO1000                                                                             | CLPO600                                                                              |

|                     |      |      |     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |
|---------------------|------|------|-----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                     |      |      |     |  |  |  |  |
| Enclosure           |      |      |     | Fixing                                                                              |                                                                                     |                                                                                      |                                                                                       |
|                     | H    | W    | D   | Full height swing frame *                                                           | Swing frame middle mounted *                                                        | Swing frame side mounted *                                                           | Swing frame transversal support bars                                                  |
| MCSS18065           | 1800 | 600  | 500 | ESFC366                                                                             | -                                                                                   | -                                                                                    | ESFB06                                                                                |
| MCSS18085           | 1800 | 800  | 500 | ESFC366                                                                             | ESFM368                                                                             | ESFS368                                                                              | ESFB08                                                                                |
| MCSS18105           | 1800 | 1000 | 500 | ESFC366                                                                             | ESFM368                                                                             | ESFS368                                                                              | ESFB10                                                                                |
| MCSS20066           | 2000 | 600  | 600 | ESFC406                                                                             | -                                                                                   | -                                                                                    | ESFB06                                                                                |
| MCSS20086           | 2000 | 800  | 600 | ESFC406                                                                             | ESFM408                                                                             | ESFS408                                                                              | ESFB08                                                                                |
| MCSS20106           | 2000 | 1000 | 600 | ESFC406                                                                             | ESFM408                                                                             | ESFS408                                                                              | ESFB10                                                                                |
| * ESFB is required. |      |      |     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |

|           |      |      |     |                                                                                   |                                                                                   |                                                                                    |                                                                                     |
|-----------|------|------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|           |      |      |     |  |  |  |  |
| Enclosure |      |      |     | Fixing                                                                            |                                                                                   |                                                                                    |                                                                                     |
|           | H    | W    | D   | Front/rear plinths (100 mm height)                                                | Plinth side panels (100 mm height)                                                | Front/rear plinths (200 mm height)                                                 | Plinth side panels (200 mm height)                                                  |
| MCSS18065 | 1800 | 600  | 500 | PFS1060                                                                           | PSS1050                                                                           | PFS2060                                                                            | PSS2050                                                                             |
| MCSS18085 | 1800 | 800  | 500 | PFS1080                                                                           | PSS1050                                                                           | PFS2080                                                                            | PSS2050                                                                             |
| MCSS18105 | 1800 | 1000 | 500 | PFS1100                                                                           | PSS1050                                                                           | PFS2100                                                                            | PSS2050                                                                             |
| MCSS20066 | 2000 | 600  | 600 | PFS1060                                                                           | PSS1060                                                                           | PFS2060                                                                            | PSS2060                                                                             |
| MCSS20086 | 2000 | 800  | 600 | PFS1080                                                                           | PSS1060                                                                           | PFS2080                                                                            | PSS2060                                                                             |
| MCSS20106 | 2000 | 1000 | 600 | PFS1100                                                                           | PSS1060                                                                           | PFS2100                                                                            | PSS2060                                                                             |

|                                              |      |      |     |                                                                                    |                                                                                    |                                                                                    |                                                                                     |                                                                                      |                                                                                      |
|----------------------------------------------|------|------|-----|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|                                              |      |      |     |  |  |  |  |  |  |
| Enclosure                                    |      |      |     | Doors                                                                              |                                                                                    |                                                                                    | Baying                                                                              |                                                                                      | Cable                                                                                |
|                                              | H    | W    | D   | Plain door *                                                                       | Glazed door *                                                                      | Inner door                                                                         | Side panels                                                                         | Segregation plate **                                                                 | Cable fixing bar (mounted above bottom plates)                                       |
| MCSS18065                                    | 1800 | 600  | 500 | DNSS1806                                                                           | DNGS1806                                                                           | DI1806R5                                                                           | SPMS1805                                                                            | SPDS1805                                                                             | CAB600                                                                               |
| MCSS18085                                    | 1800 | 800  | 500 | DNSS1808                                                                           | DNGS1808                                                                           | DI1808R5                                                                           | SPMS1805                                                                            | SPDS1805                                                                             | CAB800                                                                               |
| MCSS18105                                    | 1800 | 1000 | 500 | DNSS1810                                                                           | DNGS1810                                                                           | -                                                                                  | SPMS1805                                                                            | SPDS1805                                                                             | CAB1000                                                                              |
| MCSS20066                                    | 2000 | 600  | 600 | DNSS2006                                                                           | DNGS2006                                                                           | DI2006R5                                                                           | SPMS2006                                                                            | SPDS2006                                                                             | CAB600                                                                               |
| MCSS20086                                    | 2000 | 800  | 600 | DNSS2008                                                                           | DNGS2008                                                                           | DI2008R5                                                                           | SPMS2006                                                                            | SPDS2006                                                                             | CAB800                                                                               |
| MCSS20106                                    | 2000 | 1000 | 600 | DNSS2010                                                                           | DNGS2010                                                                           | -                                                                                  | SPMS2006                                                                            | SPDS2006                                                                             | CAB1000                                                                              |
| * DNMS is required for each additional door. |      |      |     |                                                                                    |                                                                                    |                                                                                    |                                                                                     |                                                                                      |                                                                                      |
| ** CCJ is required.                          |      |      |     |                                                                                    |                                                                                    |                                                                                    |                                                                                     |                                                                                      |                                                                                      |



# Floor Standing Enclosures

## Steel Range | Stainless Steel

### Combinable, double door | MCDS

IP 55 | TYPE 12, 13 | IK 10



**Material:**

AISI 304L pre-grained stainless steel / AISI 316L. Frame: 1.5 mm. Door: 2 mm. Rear, roof and side panels: 1.5 mm. Bottom plates: 1.5 mm stainless steel. Mounting plate: 3 mm galvanized steel.

**Frame:**

Seam welded reversed open profiles with 25 mm hole pattern, according to DIN 43660.

**Door:**

Mounted with four hinges. Including door frame with 25 mm hole pattern. Doors cannot be reversed. Separate doors to be ordered for left hand door locking.

**Rear panel:**

Fitted by M6 torx screws. Standard facilities for rear door mounting. Split rear panels in 1600 mm wide enclosures.

**Side panels:**

Supplied as an accessory.

**Roof panel:**

Removable.

**Lock:**

Espagnolette 4-point locking system in the main door and 2-point locking system in the slave door. Standard double-bit lock with 3 mm insert. Standard inserts, cylinders, lift handles and T-handle are available as accessories.

**Bottom plates:**

Two piece bottom plate in 1200 mm width, with injected polyurethane gasket to ensure maximum sealing.

**Mounting plate:**

Double folded and adjustable in depth by steps of 25 mm, with the MPD02 accessory. Mounting plate is delivered, attached on the outside of the enclosure packaging.

**Earthing:**

All panels are earthed through their fittings and are equipped with a separate earthing stud.

**Finish:**

400 pre-grained stainless steel.

**Protection:**

Complies with IP 55 | TYPE 12, 13 | IK 10.

**Mounting requirements:**

Standard delivery ready for combined installation. For stand-alone installation, add side panels.

**Delivery:**

Frame with fitted doors, rear panel, roof panel, bottom plates, mounting plate and door frame. Delivery also includes earthing bolts. Delivered on a pallet which is identical to the width of the enclosure to allow baying without removal. Packing material is recyclable.

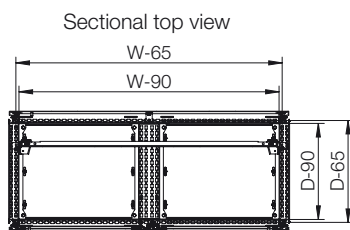
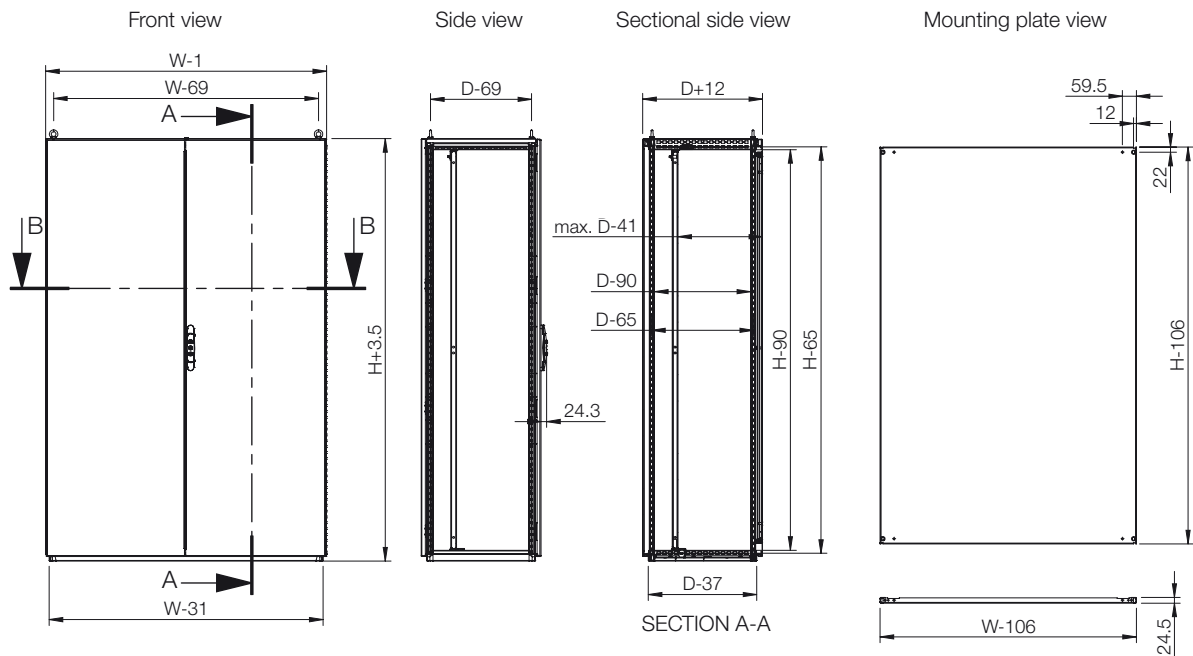


# Dimensional table | MCDS

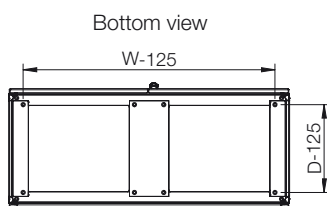
IP 55 | TYPE 12, 13 | IK 10

| Enclosure dimensions |      |     | Mounting plate dimensions |      | Item no.      |
|----------------------|------|-----|---------------------------|------|---------------|
| H                    | W    | D   | h                         | w    |               |
| 1800                 | 1000 | 500 | 1694                      | 894  | MCDS18105     |
| 1800                 | 1000 | 500 | 1694                      | 894  | MCDS18105-316 |
| 1800                 | 1200 | 500 | 1694                      | 1094 | MCDS18125     |
| 1800                 | 1200 | 500 | 1694                      | 1094 | MCDS18125-316 |
| 2000                 | 1200 | 600 | 1894                      | 1094 | MCDS20126     |
| 2000                 | 1200 | 600 | 1894                      | 1094 | MCDS20126-316 |

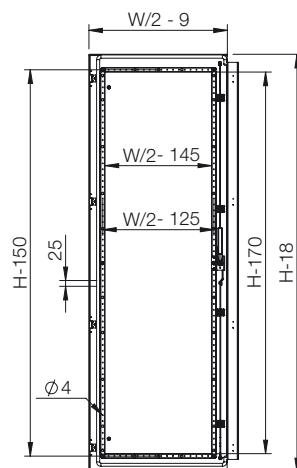




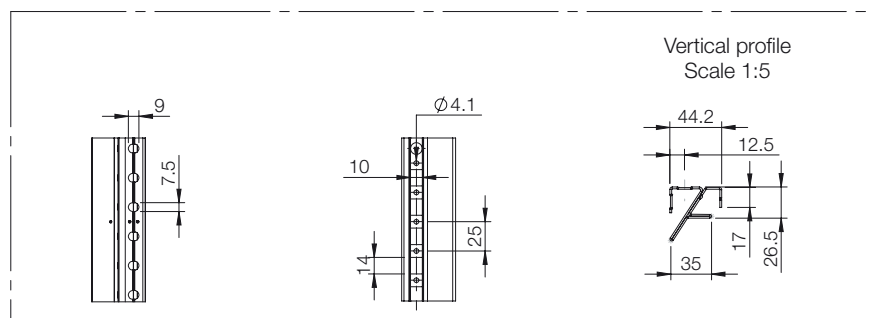
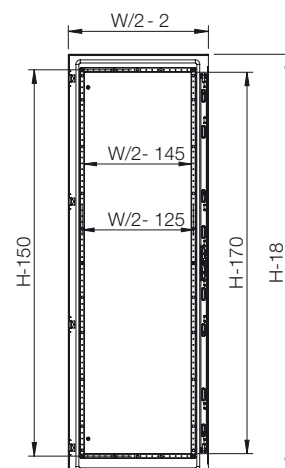
SECTION B-B



Inside left door view



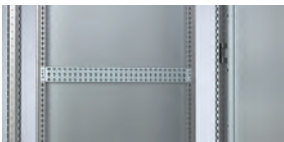
Inside right door view

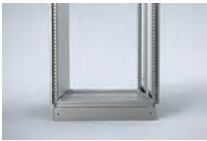
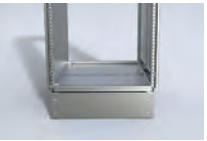


## Accessories selection matrix | MCDS

|                  |          |          |          |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
|------------------|----------|----------|----------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                  |          |          |          |  |  |  |  |  |  |  |  |
| <b>Enclosure</b> |          |          |          | <b>Mounting</b>                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
|                  | <b>H</b> | <b>W</b> | <b>D</b> | <b>Mounting plate</b>                                                             | <b>Wide mounting plate *</b>                                                      | <b>Transversal sliding profiles</b>                                               | <b>Mounting profile, in H</b>                                                     | <b>Mounting profile, in W</b>                                                      | <b>Mounting profile, in D</b>                                                       | <b>Outer mounting profile, in W</b>                                                 | <b>Outer mounting profile, in D</b>                                                 |
| MCDS18105        | 1800     | 1000     | 500      | MP1810                                                                            | MPW1810                                                                           | MTS1000                                                                           | CLPF1800                                                                          | CLPF1000                                                                           | CLPF500                                                                             | CLP01000                                                                            | CLP0500                                                                             |
| MCDS18125        | 1800     | 1200     | 500      | MP1812                                                                            | MPW1812                                                                           | MTS1200                                                                           | CLPF1800                                                                          | CLPF1200                                                                           | CLPF500                                                                             | CLP01200                                                                            | CLP0500                                                                             |
| MCDS20126        | 2000     | 1200     | 600      | MP2012                                                                            | MPW2012                                                                           | MTS1200                                                                           | CLPF2000                                                                          | CLPF1200                                                                           | CLPF600                                                                             | CLP01200                                                                            | CLP0600                                                                             |

\* MTS is required.

|                  |          |          |          |                                                                                   |                                                                                    |                                                                                     |
|------------------|----------|----------|----------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                  |          |          |          |  |  |  |
| <b>Enclosure</b> |          |          |          | <b>Mounting</b>                                                                   |                                                                                    |                                                                                     |
|                  | <b>H</b> | <b>W</b> | <b>D</b> | <b>Click in profile, in W</b>                                                     | <b>Click in profile, in D</b>                                                      | <b>Side mounting bar</b>                                                            |
| MCDS18105        | 1800     | 1000     | 500      | CLPK1000                                                                          | CLPK500                                                                            | CMB502                                                                              |
| MCDS18125        | 1800     | 1200     | 500      | CLPK1200                                                                          | CLPK500                                                                            | CMB502                                                                              |
| MCDS20126        | 2000     | 1200     | 600      | CLPK1200                                                                          | CLPK600                                                                            | CMB602                                                                              |

|           |      |      |     |                                                                                   |                                                                                   |                                                                                    |                                                                                     |
|-----------|------|------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|           |      |      |     |  |  |  |  |
| Enclosure |      |      |     | Fixing                                                                            |                                                                                   |                                                                                    |                                                                                     |
|           | H    | W    | D   | Front/rear plinths (100 mm height)                                                | Plinth side panels (100 mm height)                                                | Front/rear plinths (200 mm height)                                                 | Plinth side panels (200 mm height)                                                  |
| MCDS18105 | 1800 | 1000 | 500 | PFS1100                                                                           | PSS1050                                                                           | PFS2100                                                                            | PSS2050                                                                             |
| MCDS18125 | 1800 | 1200 | 500 | PFS1120                                                                           | PSS1050                                                                           | PFS2120                                                                            | PSS2050                                                                             |
| MCDS20126 | 2000 | 1200 | 600 | PFS1120                                                                           | PSS1060                                                                           | PFS2120                                                                            | PSS2060                                                                             |

|           |      |      |     |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
|-----------|------|------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|           |      |      |     |  |  |  |  |  |
| Enclosure |      |      |     | Doors                                                                             |                                                                                   | Baying                                                                             |                                                                                     | Cable                                                                               |
|           | H    | W    | D   | Plain door, left *                                                                | Plain door, right *                                                               | Side panels                                                                        | Segregation plate **                                                                | Cable fixing bar (mounted above bottom plates)                                      |
| MCDS18105 | 1800 | 1000 | 500 | DNSS1810L                                                                         | DNSS1810R                                                                         | SPMS1805                                                                           | SPDS1805                                                                            | CAB1000                                                                             |
| MCDS18125 | 1800 | 1200 | 500 | DNSS1812L                                                                         | DNSS1812R                                                                         | SPMS1805                                                                           | SPDS1805                                                                            | CAB1200                                                                             |
| MCDS20126 | 2000 | 1200 | 600 | DNSS2012L                                                                         | DNSS2012R                                                                         | SPMS2006                                                                           | SPDS2006                                                                            | CAB1200                                                                             |

\* DNMKs is required for each additional door.  
 \*\* CCJ is required.



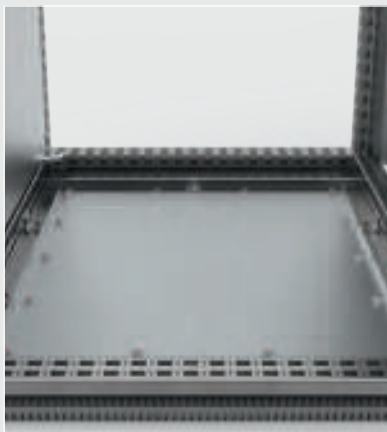
# Floor Standing Enclosures

## Steel Range | Stainless Steel

### Combinable, single door | MCSS-HP

IP 66 | TYPE 4X, 12, 13 | IK 10



**Material:**

AISI 304L pre-grained stainless steel / AISI 316L. Frame: 1.5 mm. Door: 2 mm. Rear, roof and side panels: 1.5 mm. Bottom plates: 1.5 mm stainless steel. Mounting plate: 3 mm galvanized steel.

**Frame:**

Seam welded reversed open profiles with 25 mm hole pattern, according to DIN 43660. Including integrated external hole pattern.

**Door:**

Mounted with four hinges, allowing left or right hand opening. Including door frame with 25 mm hole pattern.

**Rear panel:**

Fitted by M6 torx screws. Standard facilities for rear door mounting.

**Side panels:**

Supplied as an accessory.

**Roof panel:**

Removable.

**Lock:**

Espagnolette 4-point locking system. Does not interfere with the enclosure inner space. Standard double-bit lock with 3 mm insert. Standard inserts, cylinders, lift handles and T-handles are available as accessories.

**Bottom plates:**

One piece bottom plate, with injected polyurethane gasket to ensure maximum sealing.

**Mounting plate:**

Double folded and slides into position. Adjustable in depth by steps of 25 mm, with the MPD02 accessory. Mounting plate is supplied, attached on the outside of the enclosure packaging.

**Earthing:**

All panels are earthed through their fittings and are equipped with a separate earthing stud.

**Finish:**

400s pre-grained stainless steel (0.5 microns average).

**Protection:**

Complies with IP 66 | TYPE 4X, 12, 13 | IK 10.

**Mounting requirements:**

For stand-alone installation, add side panels. For combined installation, HPPG01 and baying brackets, CCI and CCM are required.

**Delivery:**

Frame with fitted door, rear panel, roof panel, bottom plate, mounting plate and door frame. Delivery also includes earthing bolts. Delivered on a pallet which is identical to the width of the enclosure to allow baying without removal. All packing material is recyclable.



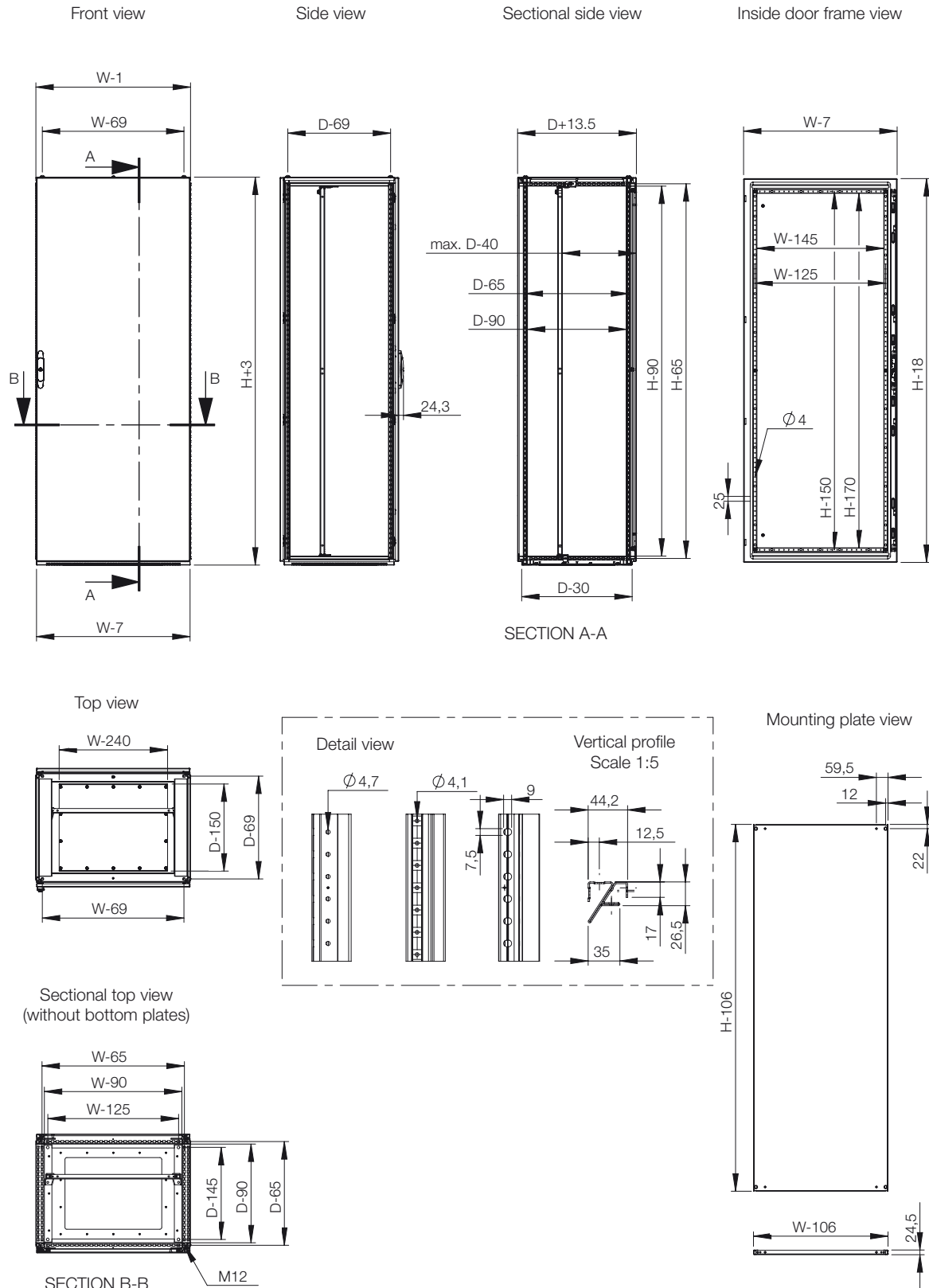
# Dimensional table | MCSS-HP

IP 66 | TYPE 4X, 12, 13 | IK 10

| Enclosure dimensions |     |     | Mounting plate dimensions |     | Usable depth | Item no.    |
|----------------------|-----|-----|---------------------------|-----|--------------|-------------|
| H                    | W   | D   | h                         | w   | d            |             |
| 2000                 | 800 | 600 | 1894                      | 694 | 559          | MCSS20086HP |

*\*Other dimensions available on request. Special side panel is required if depth is greater than 700 mm.*





# Floor Standing Enclosures

## Steel Range | Stainless Steel

### Compact, single door | EKSS

IP 66 | TYPE 4X, 12, 13 | IK 10



**Material:**

AISI 304 pre-grained stainless steel / AISI 316L. Body and removable rear panel: 1.5 mm. Door: 2 mm. Bottom plate: 1.5 mm. Mounting plate: 3 mm galvanized steel.

**Body:**

One piece enclosure body. Integrated depth profiles with hole pattern, allowing mounting plate adjustable in depth.

**Door:**

Surface mounted with 4 hinges allowing left or right hand opening. Including door frame with 25 mm hole pattern and earthing studs.

**Rear panel:**

Fitted by M6 torx screws. Standard facilities for rear door mounting.

**Lock:**

External espagnolette 4-point locking system. Standard fitted double-bit 3 mm insert. Standard inserts, cylinders, lift handles and T-handles are available as accessories.

**Bottom plates:**

One piece bottom plate, with injected polyurethane gasket to ensure maximum sealing.

**Mounting plate:**

Double folded and slides into position. Adjustable in depth by steps of 25 mm with the MPD02 accessory. Mounting plate is supplied, attached on the outside of the enclosure packaging.

**Earthing:**

Door is equipped with separate welded earthing studs and earthing to the frame can be accomplished by using the ECF.

**Finish:**

400 pre-grained stainless steel.

**Protection:**

Complies with IP 66 | TYPE 4X, 12, 13 | IK 10.

**Delivery:**

One piece body with fitted door, bottom plate and mounting plate, including door earthing studs. Delivered on a pallet which is identical to the width of the enclosure. Mounting plate is attached to the outside of the enclosure packaging. All the packing material is recyclable.

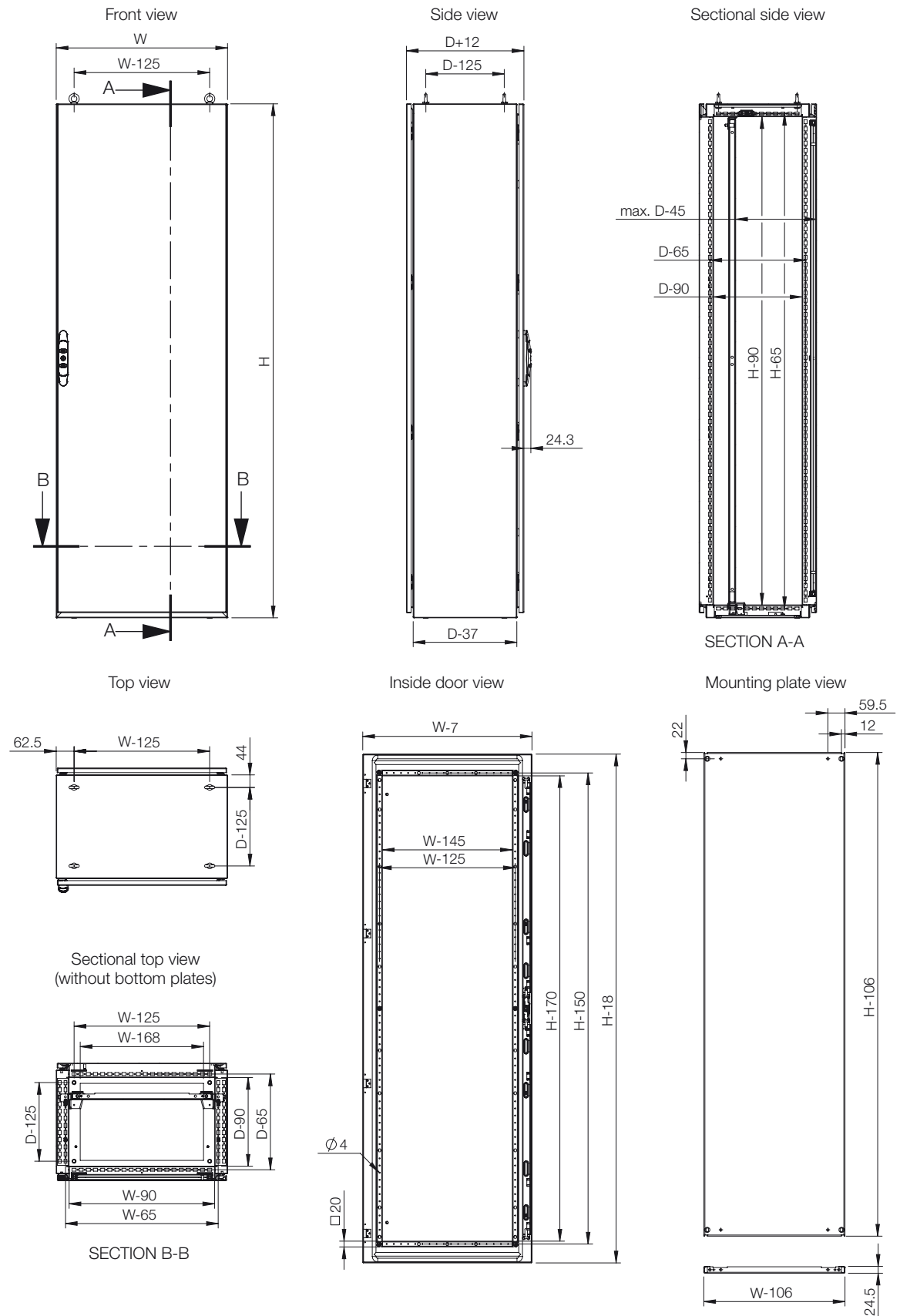




# Dimensional table | EKSS

## IP 66 | TYPE 4X, 12, 13 | IK 10

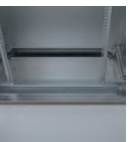
| Enclosure dimensions |      |     | Mounting plate dimensions |     | Item no.      |
|----------------------|------|-----|---------------------------|-----|---------------|
| H                    | W    | D   | h                         | w   |               |
| 1400                 | 800  | 400 | 1294                      | 694 | EKSS14084     |
| 1400                 | 800  | 400 | 1294                      | 694 | EKSS14084-316 |
| 1600                 | 600  | 400 | 1494                      | 494 | EKSS16064     |
| 1600                 | 600  | 400 | 1494                      | 494 | EKSS16064-316 |
| 1600                 | 800  | 400 | 1494                      | 694 | EKSS16084     |
| 1600                 | 800  | 400 | 1494                      | 694 | EKSS16084-316 |
| 1600                 | 1000 | 400 | 1494                      | 894 | EKSS16104     |
| 1600                 | 1000 | 400 | 1494                      | 894 | EKSS16104-316 |
| 1800                 | 600  | 400 | 1694                      | 494 | EKSS18064     |
| 1800                 | 600  | 400 | 1694                      | 494 | EKSS18064-316 |
| 1800                 | 800  | 400 | 1694                      | 694 | EKSS18084     |
| 1800                 | 800  | 400 | 1694                      | 694 | EKSS18084-316 |
| 1800                 | 1000 | 400 | 1694                      | 894 | EKSS18104     |
| 1800                 | 1000 | 400 | 1694                      | 894 | EKSS18104-316 |
| 2000                 | 800  | 400 | 1894                      | 694 | EKSS20084     |
| 2000                 | 800  | 400 | 1894                      | 694 | EKSS20084-316 |
| 2000                 | 1000 | 400 | 1894                      | 894 | EKSS20104     |
| 2000                 | 1000 | 400 | 1894                      | 894 | EKSS20104-316 |



## Accessories selection matrix | EKSS

|           |      |      |     |  |  |  |  |  |  |  |  |
|-----------|------|------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Enclosure |      |      |     | Mounting                                                                          |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
|           | H    | W    | D   | Mounting plate                                                                    | Mounting profile, in H                                                            | Mounting profile, in W                                                            | Mounting profile, in D *                                                          | Click in profile, in W *                                                           | Click in profile, in D                                                              | Side mounting bar                                                                   | Outer mounting profile, in W                                                        |
| EKSS14084 | 1400 | 800  | 400 | MP1408                                                                            | CLPF1400                                                                          | CLPF800                                                                           | CLPF400                                                                           | CLPK800                                                                            | CLPK400                                                                             | CMB402                                                                              | CLPO800                                                                             |
| EKSS16064 | 1600 | 600  | 400 | MP1606                                                                            | CLPF1600                                                                          | CLPF600                                                                           | CLPF400                                                                           | CLPK600                                                                            | CLPK400                                                                             | CMB402                                                                              | CLPO600                                                                             |
| EKSS16084 | 1600 | 800  | 400 | MP1608                                                                            | CLPF1600                                                                          | CLPF800                                                                           | CLPF400                                                                           | CLPK800                                                                            | CLPK400                                                                             | CMB402                                                                              | CLPO800                                                                             |
| EKSS16104 | 1600 | 1000 | 400 | MP1610                                                                            | CLPF1600                                                                          | CLPF1000                                                                          | CLPF400                                                                           | CLPK1000                                                                           | CLPK400                                                                             | CMB402                                                                              | CLPO1000                                                                            |
| EKSS18064 | 1800 | 600  | 400 | MP1806                                                                            | CLPF1800                                                                          | CLPF600                                                                           | CLPF400                                                                           | CLPK600                                                                            | CLPK400                                                                             | CMB402                                                                              | CLPO600                                                                             |
| EKSS18084 | 1800 | 800  | 400 | MP1808                                                                            | CLPF1800                                                                          | CLPF800                                                                           | CLPF400                                                                           | CLPK800                                                                            | CLPK400                                                                             | CMB402                                                                              | CLPO800                                                                             |
| EKSS18104 | 1800 | 1000 | 400 | MP1810                                                                            | CLPF1800                                                                          | CLPF1000                                                                          | CLPF400                                                                           | CLPK1000                                                                           | CLPK400                                                                             | CMB402                                                                              | CLPO1000                                                                            |
| EKSS20084 | 2000 | 800  | 400 | MP2008                                                                            | CLPF2000                                                                          | CLPF800                                                                           | CLPF400                                                                           | CLPK800                                                                            | CLPK400                                                                             | CMB402                                                                              | CLPO800                                                                             |
| EKSS20104 | 2000 | 1000 | 400 | MP2010                                                                            | CLPF2000                                                                          | CLPF1000                                                                          | CLPF400                                                                           | CLPK1000                                                                           | CLPK400                                                                             | CMB402                                                                              | CLPO1000                                                                            |

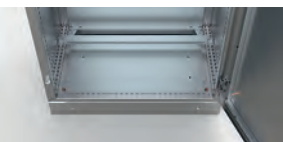
\* For compact (EKSS/EKDS) the CLPF in depth or a CLPK in width should be used in combination with CAK02 (Profile bracket for compact enclosures).

|           |      |      |     |  |  |  |  |  |  |
|-----------|------|------|-----|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Enclosure |      |      |     | Mounting                                                                           |                                                                                    |                                                                                    |                                                                                     |                                                                                      |                                                                                      |
|           | H    | W    | D   | Full height swing frame *                                                          | Swing frame middle mounted *                                                       | Swing frame side mounted *                                                         | Swing frame transversal support bars                                                | Mounting profiles (19") **                                                           | Brackets for fixing 19" mounting profiles                                            |
| EKSS14084 | 1400 | 800  | 400 | ESFC276                                                                            | ESFM278                                                                            | ESFS278                                                                            | ESFB08                                                                              | CIP29                                                                                | CIB800                                                                               |
| EKSS16064 | 1600 | 600  | 400 | ESFC316                                                                            | -                                                                                  | -                                                                                  | ESFB06                                                                              | CIP33                                                                                | CIB600                                                                               |
| EKSS16084 | 1600 | 800  | 400 | ESFC316                                                                            | ESFM318                                                                            | ESFS318                                                                            | ESFB08                                                                              | CIP33                                                                                | CIB800                                                                               |
| EKSS16104 | 1600 | 1000 | 400 | ESFC316                                                                            | ESFM318                                                                            | ESFS318                                                                            | ESFB10                                                                              | -                                                                                    | -                                                                                    |
| EKSS18064 | 1800 | 600  | 400 | ESFC366                                                                            | -                                                                                  | -                                                                                  | ESFB06                                                                              | CIP38                                                                                | CIB600                                                                               |
| EKSS18084 | 1800 | 800  | 400 | ESFC366                                                                            | ESFM368                                                                            | ESFS368                                                                            | ESFB08                                                                              | CIP38                                                                                | CIB800                                                                               |
| EKSS18104 | 1800 | 1000 | 400 | ESFC366                                                                            | ESFM368                                                                            | ESFS368                                                                            | ESFB10                                                                              | -                                                                                    | -                                                                                    |
| EKSS20084 | 2000 | 800  | 400 | ESFC406                                                                            | ESFM408                                                                            | ESFS408                                                                            | ESFB08                                                                              | CIP42                                                                                | CIB800                                                                               |
| EKSS20104 | 2000 | 1000 | 400 | ESFC406                                                                            | ESFM408                                                                            | ESFS408                                                                            | ESFB10                                                                              | -                                                                                    | -                                                                                    |

\* ESFB is required.

\*\* CIB, CID or CIWR are required.

|           |      |      |     |                                                                                   |                                                                                   |                                                                                    |                                                                                     |
|-----------|------|------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|           |      |      |     |  |  |  |  |
| Enclosure |      |      |     | Fixing                                                                            |                                                                                   |                                                                                    |                                                                                     |
|           | H    | W    | D   | Front/rear plinths<br>(100 mm height)                                             | Plinth side panels<br>(100 mm height)                                             | Front/rear plinths<br>(200 mm height)                                              | Plinth side panels<br>(200 mm height)                                               |
| EKSS14084 | 1400 | 800  | 400 | PFS1080                                                                           | PSS1040                                                                           | PFS2080                                                                            | PSS2040                                                                             |
| EKSS16064 | 1600 | 600  | 400 | PFS1060                                                                           | PSS1040                                                                           | PFS2060                                                                            | PSS2040                                                                             |
| EKSS16084 | 1600 | 800  | 400 | PFS1080                                                                           | PSS1040                                                                           | PFS2080                                                                            | PSS2040                                                                             |
| EKSS16104 | 1600 | 1000 | 400 | PFS1100                                                                           | PSS1040                                                                           | PFS2100                                                                            | PSS2040                                                                             |
| EKSS18064 | 1800 | 600  | 400 | PFS1060                                                                           | PSS1040                                                                           | PFS2060                                                                            | PSS2040                                                                             |
| EKSS18084 | 1800 | 800  | 400 | PFS1080                                                                           | PSS1040                                                                           | PFS2080                                                                            | PSS2040                                                                             |
| EKSS18104 | 1800 | 1000 | 400 | PFS1100                                                                           | PSS1040                                                                           | PFS2100                                                                            | PSS2040                                                                             |
| EKSS20084 | 2000 | 800  | 400 | PFS1080                                                                           | PSS1040                                                                           | PFS2080                                                                            | PSS2040                                                                             |
| EKSS20104 | 2000 | 1000 | 400 | PFS1100                                                                           | PSS1040                                                                           | PFS2100                                                                            | PSS2040                                                                             |

|           |      |      |     |                                                                                    |                                                                                     |                                                                                      |
|-----------|------|------|-----|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|           |      |      |     |  |  |  |
| Enclosure |      |      |     | Doors                                                                              |                                                                                     | Cable                                                                                |
|           | H    | W    | D   | Plain door *                                                                       | Glazed door *                                                                       | Cable fixing bar (mounted above bottom plates)                                       |
| EKSS14084 | 1400 | 800  | 400 | DNSS1408                                                                           | DNGS1408                                                                            | CAB800                                                                               |
| EKSS16064 | 1600 | 600  | 400 | DNSS1606                                                                           | DNGS1606                                                                            | CAB600                                                                               |
| EKSS16084 | 1600 | 800  | 400 | DNSS1608                                                                           | DNGS1608                                                                            | CAB800                                                                               |
| EKSS16104 | 1600 | 1000 | 400 | DNSS1610                                                                           | DNGS1610                                                                            | CAB1000                                                                              |
| EKSS18064 | 1800 | 600  | 400 | DNSS1806                                                                           | DNGS1806                                                                            | CAB600                                                                               |
| EKSS18084 | 1800 | 800  | 400 | DNSS1808                                                                           | DNGS1808                                                                            | CAB800                                                                               |
| EKSS18104 | 1800 | 1000 | 400 | DNSS1810                                                                           | DNGS1810                                                                            | CAB1000                                                                              |
| EKSS20084 | 2000 | 800  | 400 | DNSS2008                                                                           | DNGS2008                                                                            | CAB800                                                                               |
| EKSS20104 | 2000 | 1000 | 400 | DNSS2010                                                                           | DNGS2010                                                                            | CAB1000                                                                              |

\* DNMS is required for each additional door.

# Floor Standing Enclosures

## Steel Range | Stainless Steel

### Compact, double door | EKDS

IP 55 | TYPE 12, 13 | IK 10; IP 66 | TYPE 4X (on request)



**Material:**

AISI 304L pre-grained stainless steel / AISI 316L. Body and removable rear panel: 1.5 mm. Door: 2 mm. Bottom Plates: 1.5 mm. Mounting plate: 3 mm.

**Body:**

One piece enclosure body. Integrated depth profiles with hole pattern allowing mounting plate adjustable in depth.

**Door:**

Surface mounted with 4 hinges including door frame with 25 mm hole pattern and earthing studs. Standard doors can not be reversed.

**Rear panel:**

Fitted by M6 torx screws. Standard facilities for rear door mounting. Split rear panels in 1600 mm wide enclosures.

**Lock:**

Espagnolette 4-point locking system in the main door and 2-point locking system in the slave door. Standard double-bit lock with 3 mm insert. Standard inserts, cylinders, lift handles and T-handles are available as accessories.

**Bottom plates:**

One piece bottom plate with injected polyurethane gasket to ensure maximum sealing.

**Earthing:**

Door is equipped with separate welded earthing studs and earthing to the frame can be accomplished by using the ECF.

**Mounting plate:**

Double folded and slides into position. Adjustable in depth by steps of 25 mm. Mounting plate is supplied, attached on the outside of the enclosure packaging. Fitted inside for 1600 mm wide enclosures. For 1600 mm wide, filler plate is included.

**Finish:**

400 pre-grained stainless steel.

**Protection:**

Double door version, complies with IP 55 | TYPE 12, 13 | IK 10. Individual doors with welded vertical divider, complies with IP 66 | TYPE 4X, 12 and 13 | IK 10.

**Delivery:**

One piece body with fitted door and rear panel, bottom plates and mounting plate, including door earthing studs. Delivered on a pallet which is identical to the width of the enclosure to allow suiting without removal. Mounting plate is attached to the outside of the enclosure packaging. All the packing material is recyclable.





## Dimensional table | EKDS

### IP 55 | TYPE 12, 13 | IK 10; IP 66 | TYPE 4X (on request)

IP 55 | TYPE 12, 13 | IK 10

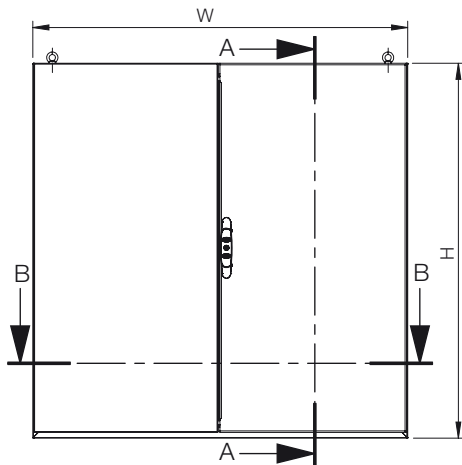
| Enclosure dimensions |      |     | Mounting plate dimensions |      | Item no.      |
|----------------------|------|-----|---------------------------|------|---------------|
| H                    | W    | D   | h                         | w    |               |
| 1200                 | 1200 | 400 | 1094                      | 1094 | EKDS12124     |
| 1200                 | 1200 | 400 | 1094                      | 1094 | EKDS12124-316 |
| 1600                 | 1200 | 400 | 1494                      | 1094 | EKDS16124     |
| 1600                 | 1200 | 400 | 1494                      | 1094 | EKDS16124-316 |
| 1800                 | 1200 | 400 | 1694                      | 1094 | EKDS18124     |
| 1800                 | 1200 | 400 | 1694                      | 1094 | EKDS18124-316 |
| 1800                 | 1600 | 400 | 1694                      | 1494 | EKDS18164     |
| 1800                 | 1600 | 400 | 1694                      | 1494 | EKDS18164-316 |
| 2000                 | 1200 | 400 | 1894                      | 1094 | EKDS20124     |
| 2000                 | 1200 | 400 | 1894                      | 1094 | EKDS20124-316 |
| 2000                 | 1600 | 400 | 1894                      | 1494 | EKDS20164     |
| 2000                 | 1600 | 400 | 1894                      | 1494 | EKDS20164-316 |

IP 66 | TYPE 4X, 12, 13 | IK 10

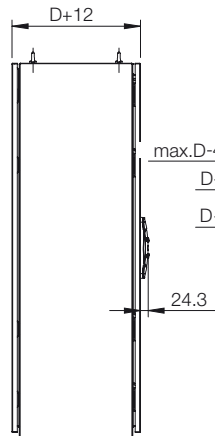
| Enclosure dimensions |      |     | Mounting plate dimensions |      | Item no.      |
|----------------------|------|-----|---------------------------|------|---------------|
| H                    | W    | D   | h                         | w    |               |
| 1200                 | 1200 | 400 | 1094                      | 1094 | EKDS12124-4X* |
| 1600                 | 1200 | 400 | 1494                      | 1094 | EKDS16124-4X* |
| 1800                 | 1200 | 400 | 1694                      | 1094 | EKDS18124-4X* |
| 1800                 | 1600 | 400 | 1694                      | 1494 | EKDS18164-4X* |
| 2000                 | 1200 | 400 | 1894                      | 1094 | EKDS20124-4X* |
| 2000                 | 1600 | 400 | 1894                      | 1494 | EKDS20164-4X* |

\*Individual doors with vertical divider version.

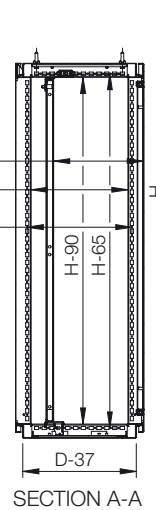
Front view



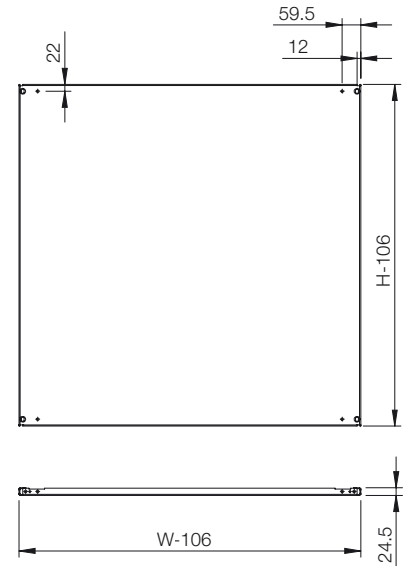
Side view



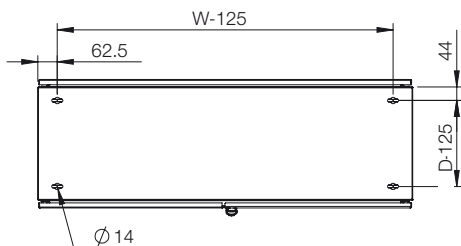
Sectional side view



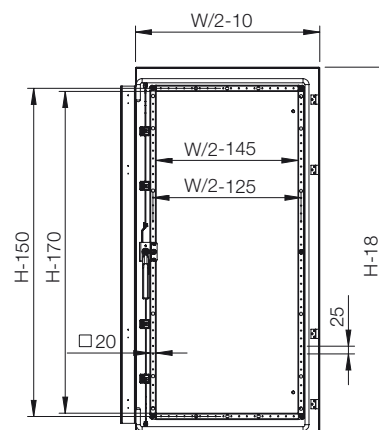
Mounting plate view



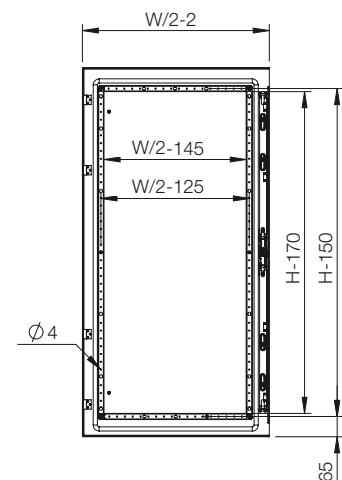
Top view



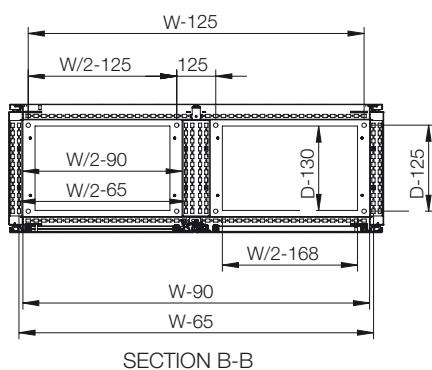
Inside left door view



Inside right door view



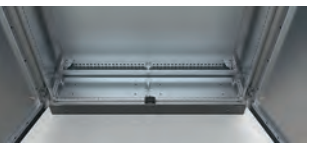
Sectional top view  
(without bottom plates)



## Accessories selection matrix | EKDS

|                                                                                                                                                   |          |          |          |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|----------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                                                                                                                                   |          |          |          |  |  |  |  |  |  |  |  |
| <b>Enclosure</b>                                                                                                                                  |          |          |          | <b>Mounting</b>                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
|                                                                                                                                                   | <b>H</b> | <b>W</b> | <b>D</b> | <b>Mounting plate</b>                                                             | <b>Mounting profile, in H</b>                                                     | <b>Mounting profile, in W</b>                                                     | <b>Mounting profile, in D *</b>                                                   | <b>Click in profile, in W</b>                                                      | <b>Click in profile, in D</b>                                                       | <b>Side mounting bar</b>                                                            | <b>Outer mounting profile, in W</b>                                                 |
| EKDS12124                                                                                                                                         | 1200     | 1200     | 400      | MP1212                                                                            | CLPF1200                                                                          | CLPF1200                                                                          | CLPF400                                                                           | CLPK1200                                                                           | CLPK400                                                                             | CMB402                                                                              | CLPO1200                                                                            |
| EKDS16124                                                                                                                                         | 1600     | 1200     | 400      | MP1612                                                                            | CLPF1600                                                                          | CLPF1200                                                                          | CLPF400                                                                           | CLPK1200                                                                           | CLPK400                                                                             | CMB402                                                                              | CLPO1200                                                                            |
| EKDS18124                                                                                                                                         | 1800     | 1200     | 400      | MP1812                                                                            | CLPF1800                                                                          | CLPF1200                                                                          | CLPF400                                                                           | CLPK1200                                                                           | CLPK400                                                                             | CMB402                                                                              | CLPO1200                                                                            |
| EKDS18164                                                                                                                                         | 1800     | 1600     | 400      | MP1816                                                                            | CLPF1800                                                                          | -                                                                                 | CLPF400                                                                           | -                                                                                  | CLPK400                                                                             | CMB402                                                                              | -                                                                                   |
| EKDS20124                                                                                                                                         | 2000     | 1200     | 400      | MP2012                                                                            | CLPF2000                                                                          | CLPF1200                                                                          | CLPF400                                                                           | CLPK1200                                                                           | CLPK400                                                                             | CMB402                                                                              | CLPO1200                                                                            |
| EKDS20164                                                                                                                                         | 2000     | 1600     | 400      | MP2016                                                                            | CLPF2000                                                                          | -                                                                                 | CLPF400                                                                           | -                                                                                  | CLPK400                                                                             | CMB402                                                                              | -                                                                                   |
| * For compact (EKSS/EKDS) the CLPF in depth or a CLPK in width should be used in combination with CAK02 (Profile bracket for compact enclosures). |          |          |          |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |

|                  |          |          |          |                                                                                    |                                                                                    |                                                                                     |                                                                                      |
|------------------|----------|----------|----------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|                  |          |          |          |  |  |  |  |
| <b>Enclosure</b> |          |          |          | <b>Fixing</b>                                                                      |                                                                                    |                                                                                     |                                                                                      |
|                  | <b>H</b> | <b>W</b> | <b>D</b> | <b>Front/rear plinths (100 mm height)</b>                                          | <b>Plinth side panels (100 mm height)</b>                                          | <b>Front/rear plinths (200 mm height)</b>                                           | <b>Plinth side panels (200 mm height)</b>                                            |
| EKDS12124        | 1200     | 1200     | 400      | PFS1120                                                                            | PSS1040                                                                            | PFS2120                                                                             | PSS2040                                                                              |
| EKDS16124        | 1600     | 1200     | 400      | PFS1120                                                                            | PSS1040                                                                            | PFS2120                                                                             | PSS2040                                                                              |
| EKDS18124        | 1800     | 1200     | 400      | PFS1120                                                                            | PSS1040                                                                            | PFS2120                                                                             | PSS2040                                                                              |
| EKDS18164        | 1800     | 1600     | 400      | 2x PFS1080                                                                         | PSS1040                                                                            | 2x PFS2080                                                                          | PSS2040                                                                              |
| EKDS20124        | 2000     | 1200     | 400      | PFS1120                                                                            | PSS1040                                                                            | PFS2120                                                                             | PSS2040                                                                              |
| EKDS20164        | 2000     | 1600     | 400      | 2x PFS1080                                                                         | PSS1040                                                                            | 2x PFS2080                                                                          | PSS2040                                                                              |

|                                              |          |          |          |                                                                                     |                                                                                      |                                                                                       |
|----------------------------------------------|----------|----------|----------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                                              |          |          |          |  |  |  |
| <b>Enclosure</b>                             |          |          |          | <b>Doors</b>                                                                        |                                                                                      | <b>Cable</b>                                                                          |
|                                              | <b>H</b> | <b>W</b> | <b>D</b> | <b>Plain door, left *</b>                                                           | <b>Plain door, right *</b>                                                           | <b>Cable fixing bar (mounted above bottom plates)</b>                                 |
| EKDS12124                                    | 1200     | 1200     | 400      | DNSS1212L                                                                           | DNSS1212R                                                                            | CAB1200/2x CAB600                                                                     |
| EKDS16124                                    | 1600     | 1200     | 400      | DNSS1612L                                                                           | DNSS1612R                                                                            | CAB1200/2x CAB600                                                                     |
| EKDS18124                                    | 1800     | 1200     | 400      | DNSS1812L                                                                           | DNSS1812R                                                                            | CAB1200/2x CAB600                                                                     |
| EKDS18164                                    | 1800     | 1600     | 400      | DNSS1816L                                                                           | DNSS1816R                                                                            | 2x CAB800                                                                             |
| EKDS20124                                    | 2000     | 1200     | 400      | DNSS2012L                                                                           | DNSS2012R                                                                            | CAB1200/2x CAB600                                                                     |
| EKDS20164                                    | 2000     | 1600     | 400      | DNSS2016L                                                                           | DNSS2016R                                                                            | 2x CAB800                                                                             |
| * DNMS is required for each additional door. |          |          |          |                                                                                     |                                                                                      |                                                                                       |

# 01

## Floor Standing Enclosures



1





PANEL 4

PANEL 1

Emergency stop button

Emergency stop button

Emergency stop button

Emergency stop button

Emergency stop button

Emergency stop button

Schneider

## Steel dedicated accessories

|                          |     |
|--------------------------|-----|
| Mounting plates .....    | 90  |
| Profiles .....           | 102 |
| Modular system .....     | 119 |
| 19" mounting .....       | 124 |
| Shelves.....             | 157 |
| Enclosure fixation.....  | 160 |
| Full height doors .....  | 172 |
| Locking .....            | 188 |
| Interlocking system..... | 200 |
| Partial doors.....       | 204 |
| Baying & Lifting .....   | 212 |
| Thermal .....            | 222 |
| Cabling.....             | 225 |
| Earthing .....           | 231 |
| Protection.....          | 233 |





# Floor Standing Enclosures

## Steel Range

### Accessories | Mounting plates

#### Steel mounting plate, MP

Mild steel, combinable enclosures

#### MCS / MCD

|                      |                                                       | Required accessories                                                                                                     | Page             |
|----------------------|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>FIXATION</b>      | Flush with frame, MP included in the enclosure        | <i>Additional accessories not required</i>                                                                               | N/A              |
|                      | Flush with frame, MP not included in the enclosure    | Mounting plate brackets, <b>MPA04</b>                                                                                    | 95               |
|                      | Adjustable in depth, MP included in the enclosure     | Adjustment bracket, <b>MPD02</b>                                                                                         | 95               |
|                      | Adjustable in depth, MP not included in the enclosure | Mounting plate brackets, <b>MPA06</b>                                                                                    | 95               |
|                      | Side mounting plate                                   | Side mounting plate brackets, <b>MPS04</b>                                                                               | 96               |
|                      | Additional mounting plate                             | Mounting plate brackets, <b>MPA06</b>                                                                                    | 95               |
|                      | Back to back mounting plate                           | Back to back MP brackets, <b>MPBB06</b>                                                                                  | 96               |
|                      | Rear fixing                                           | Mounting plate brackets for rear mounting, <b>MPA04R</b><br>*For enclosures less than 1000 mm wide.                      |                  |
|                      | Rear fixing with +20 mm of useful depth               | Mounting plate brackets for rear mounting, <b>MPA04R</b><br>*For enclosures less than 1000 mm wide.                      |                  |
| <b>HINGED</b>        | Total height mounting plate                           | Mounting plate hinge kit, <b>MPH01</b><br>Carrier bars, <b>CB</b>                                                        | 97<br>118        |
|                      | Partial height mounting plate                         | Mounting plate hinge kit, <b>MPH01</b><br>Carrier bars, <b>CB</b><br>Mounting profile in depth, <b>CLPK/CLPF</b> . 4 pcs | 97<br>118<br>112 |
| <b>REINFORCEMENT</b> | Fixation reinforcement, for flush mounting            | Flush MP reinforcement brackets, <b>MPEF</b>                                                                             | 103              |
|                      | Fixation reinforcement, when no flush mounting        | MP reinforcement brackets, <b>MPE</b><br>Side mounting bars in depth, <b>CMB</b> . 2 pcs                                 | 100<br>116       |
|                      | Mounting plate reinforcement                          | MP reinforcement profile, <b>MPR</b>                                                                                     | 101              |

Mild steel, compact enclosures

Stainless steel, combinable enclosures

Stainless steel, compact enclosures

MKS / MKD

MCSS / MCDS

EKSS / EKDS

| Required accessories                                                                                                | Page             | Required accessories                                                                                                     | Page             | Required accessories                                                                                                | Page             |
|---------------------------------------------------------------------------------------------------------------------|------------------|--------------------------------------------------------------------------------------------------------------------------|------------------|---------------------------------------------------------------------------------------------------------------------|------------------|
| <i>Additional accessories not required</i>                                                                          | N/A              | <i>Additional accessories not required</i>                                                                               | N/A              | <i>Additional accessories not required</i>                                                                          | N/A              |
| Mounting plate brackets, <b>MPA04</b>                                                                               | 95               | Mounting plate brackets, <b>MPA04</b>                                                                                    | 95               | Mounting plate brackets, <b>MPA04</b>                                                                               | 95               |
| Adjustment bracket, <b>MPD02</b>                                                                                    | 95               | Adjustment bracket, <b>MPD02</b>                                                                                         | 95               | Adjustment bracket, <b>MPD02</b>                                                                                    | 95               |
| Mounting plate brackets, <b>MPA06</b>                                                                               | 95               | Mounting plate brackets, <b>MPA06</b>                                                                                    | 95               | Mounting plate brackets, <b>MPA06</b>                                                                               | 95               |
| <i>Not available</i>                                                                                                | N/A              | Side mounting plate brackets, <b>MPS04</b>                                                                               | 96               | <i>Not available</i>                                                                                                | N/A              |
| Mounting plate brackets, <b>MPA06</b>                                                                               | 95               | Mounting plate brackets, <b>MPA06</b>                                                                                    | 95               | Mounting plate brackets, <b>MPA06</b>                                                                               | 95               |
| Back to back MP brackets, <b>MPBB06</b>                                                                             | 96               | Back to back MP brackets, <b>MPBB06</b>                                                                                  | 96               | Back to back MP brackets, <b>MPBB06</b>                                                                             | 96               |
| Mounting plate brackets for rear mounting, <b>MPA04R</b><br>*For enclosures less than 1000 mm wide.                 |                  | <i>Not available</i>                                                                                                     | N/A              | <i>Not available</i>                                                                                                | N/A              |
| Mounting plate brackets for rear mounting, <b>MPA04R</b><br>*For enclosures less than 1000 mm wide.                 |                  | <i>Not available</i>                                                                                                     | N/A              | <i>Not available</i>                                                                                                | N/A              |
| Mounting plate hinge kit, <b>MPH01</b><br>Carrier bars, <b>CB</b>                                                   | 97<br>118        | Mounting plate hinge kit, <b>MPH01</b><br>Carrier bars, <b>CB</b>                                                        | 97<br>118        | Mounting plate hinge kit, <b>MPH01</b><br>Carrier bars, <b>CB</b>                                                   | 97<br>118        |
| Mounting plate hinge kit, <b>MPH01</b><br>Carrier bars, <b>CB</b><br>Mounting profile in depth, <b>CLPK</b> . 4 pcs | 97<br>118<br>112 | Mounting plate hinge kit, <b>MPH01</b><br>Carrier bars, <b>CB</b><br>Mounting profile in depth, <b>CLPK/CLPF</b> . 4 pcs | 97<br>118<br>112 | Mounting plate hinge kit, <b>MPH01</b><br>Carrier bars, <b>CB</b><br>Mounting profile in depth, <b>CLPK</b> . 4 pcs | 97<br>118<br>112 |
| Flush MP reinforcement brackets, <b>MPEF</b><br>Profile bracket, <b>CAK02</b>                                       | 101<br>114       | Flush MP reinforcement brackets, <b>MPEF</b>                                                                             | 101              | Flush MP reinforcement brackets, <b>MPEF</b><br>Profile bracket, <b>CAK02</b>                                       | 101<br>114       |
| MP reinforcement brackets, <b>MPE</b><br>Side mounting bars in depth, <b>CMB</b> . 2 pcs                            | 100<br>116       | MP reinforcement brackets, <b>MPE</b><br>Side mounting bars in depth, <b>CMB</b> . 2 pcs                                 | 100<br>116       | MP reinforcement brackets, <b>MPE</b><br>Side mounting bars in depth, <b>CMB</b> . 2 pcs                            | 100<br>116       |
| MP reinforcement profile, <b>MPR</b>                                                                                | 101              | MP reinforcement profile, <b>MPR</b>                                                                                     | 101              | MP reinforcement profile, <b>MPR</b>                                                                                | 101              |

# Floor Standing Enclosures

## Steel Range

### Accessories | Mounting plates

#### Steel mounting plate, MP

Mild steel, combinable enclosures

##### MCS / MCD

|                         |                                                                            | Required accessories                                 | Page |
|-------------------------|----------------------------------------------------------------------------|------------------------------------------------------|------|
| <b>BAYED ENCLOSURES</b> | Mounting plate for a continuous mounting surface, flush with the frame     | <i>Not available</i>                                 | N/A  |
|                         | Mounting plate for a continuous mounting surface, not flush with the frame | Filler plate, <b>MPF</b> . One per enclosure joining | 97   |

#### Wide steel mounting plate, MPW

Mild steel, combinable enclosures

##### MCS / MCD

|                      |                              | Required accessories                     | Page |
|----------------------|------------------------------|------------------------------------------|------|
| <b>FIXATION</b>      | Flush with frame             | <i>Not available</i>                     | N/A  |
|                      | Adjustable in depth          | Transversal sliding profiles, <b>MTS</b> | 100  |
| <b>REINFORCEMENT</b> | Mounting plate reinforcement | MP reinforcement profiles, <b>MPWR</b>   | 101  |

#### Partial steel mounting plate, MPP

Mild steel, combinable enclosures

##### MCS / MCD

|                 |                                     | Required accessories                                                                                                     | Page             |
|-----------------|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>FIXATION</b> | Flush with frame                    | <i>Additional accessories not required</i>                                                                               | N/A              |
|                 | Adjustable in depth                 | Mounting profile in depth, <b>CLPK/CLPF</b> . 4 pcs                                                                      | 112              |
|                 | Side fixation, flush with the frame | <i>Additional accessories not required</i>                                                                               | N/A              |
| <b>HINGED</b>   | Front fixation adjustable in depth  | Mounting plate hinge kit, <b>MPH01</b><br>Carrier bars, <b>CB</b><br>Mounting profile in depth, <b>CLPK/CLPF</b> . 4 pcs | 97<br>118<br>112 |
|                 | Side fixation adjustable in depth   | Mounting plate hinge kit, <b>MPH01</b><br>Carrier bars, <b>CB</b><br>Mounting profile in width, <b>CLPK/CLPF</b> . 4 pcs | 97<br>118<br>112 |

Mild steel, compact enclosures

**MKS / MKD**

| Required accessories | Page |
|----------------------|------|
| Not available        | N/A  |
| Not available        | N/A  |

Stainless steel, combinable enclosures

**MCSS / MCDS**

| Required accessories                                 | Page |
|------------------------------------------------------|------|
| Not available                                        | N/A  |
| Filler plate, <b>MPF</b> . One per enclosure joining | 97   |

Stainless steel, compact enclosures

**EKSS / EKDS**

| Required accessories | Page |
|----------------------|------|
| Not available        | N/A  |
| Not available        | N/A  |

Mild steel, compact enclosures

**MKS / MKD**

| Required accessories | Page |
|----------------------|------|
| Not available        | N/A  |
| Not available        | N/A  |
| Not available        | N/A  |

Stainless steel, combinable enclosures

**MCSS / MCDS**

| Required accessories                     | Page |
|------------------------------------------|------|
| Not available                            | N/A  |
| Transversal sliding profiles, <b>MTS</b> | 100  |
| MP reinforcement profiles, <b>MPWR</b>   | 101  |

Stainless steel, compact enclosures

**EKSS / EKDS**

| Required accessories | Page |
|----------------------|------|
| Not available        | N/A  |
| Not available        | N/A  |
| Not available        | N/A  |

Mild steel, compact enclosures

**MKS / MKD**

| Required accessories                                                                                                | Page             |
|---------------------------------------------------------------------------------------------------------------------|------------------|
| Additional accessories not required                                                                                 | N/A              |
| Mounting profile in depth, <b>CLPK</b> . 4 pcs                                                                      | 112              |
| Not available                                                                                                       | N/A              |
| Mounting plate hinge kit, <b>MPH01</b><br>Carrier bars, <b>CB</b><br>Mounting profile in depth, <b>CLPK</b> . 4 pcs | 97<br>118<br>112 |
| Mounting plate hinge kit, <b>MPH01</b><br>Carrier bars, <b>CB</b><br>Mounting profile in width, <b>CLPF</b> . 4 pcs | 97<br>118<br>113 |

Stainless steel, combinable enclosures

**MCSS / MCDS**

| Required accessories                                                                                                     | Page             |
|--------------------------------------------------------------------------------------------------------------------------|------------------|
| Additional accessories not required                                                                                      | N/A              |
| Mounting profile in depth, <b>CLPK/CLPF</b> . 4 pcs                                                                      | 112              |
| Additional accessories not required                                                                                      | N/A              |
| Mounting plate hinge kit, <b>MPH01</b><br>Carrier bars, <b>CB</b><br>Mounting profile in depth, <b>CLPK/CLPF</b> . 4 pcs | 97<br>118<br>112 |
| Mounting plate hinge kit, <b>MPH01</b><br>Carrier bars, <b>CB</b><br>Mounting profile in width, <b>CLPK/CLPF</b> . 4 pcs | 97<br>118<br>112 |

Stainless steel, compact enclosures

**EKSS / EKDS**

| Required accessories                                                                                                | Page             |
|---------------------------------------------------------------------------------------------------------------------|------------------|
| Additional accessories not required                                                                                 | N/A              |
| Mounting profile in depth, <b>CLPK</b> . 4 pcs                                                                      | 110              |
| Not available                                                                                                       | N/A              |
| Mounting plate hinge kit, <b>MPH01</b><br>Carrier bars, <b>CB</b><br>Mounting profile in depth, <b>CLPK</b> . 4 pcs | 97<br>118<br>112 |
| Mounting plate hinge kit, <b>MPH01</b><br>Carrier bars, <b>CB</b><br>Mounting profile in width, <b>CLPF</b> . 4 pcs | 97<br>118<br>113 |

# Floor Standing Enclosures

## Steel Range

### Accessories | Mounting plates

## Mounting plates, MP

- Description:

Standard mounting plate. It can also be mounted on the side of an enclosure by using MPS kit or slid in from the side with the MTS profile. For heavy loads in vibrating environments use mounting plate reinforcement profile MPR and MPE or MPEF brackets.
- Material:

3 mm galvanized steel.
- Pack quantity:

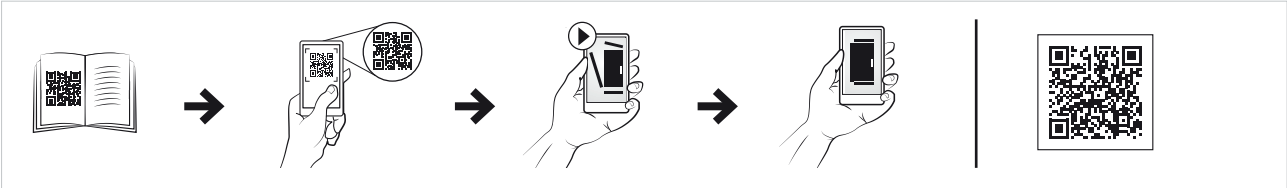
1 piece.
- Maximum load:

6000 N.
- Mounting requirements:

Use MPA for mounting the MP inside the enclosure. Adjustable in depth with MPD accesory.

| For enclosure |      | Mounting plate dimensions |      | Item no. |
|---------------|------|---------------------------|------|----------|
| H             | W    | h                         | w    |          |
| 1200          | 600  | 1094                      | 494  | MP1206   |
| 1200          | 800  | 1094                      | 694  | MP1208   |
| 1200          | 1200 | 1094                      | 1094 | MP1212   |
| 1400          | 600  | 1294                      | 494  | MP1406   |
| 1400          | 800  | 1294                      | 694  | MP1408   |
| 1400          | 1000 | 1294                      | 894  | MP1410   |
| 1400          | 1200 | 1294                      | 1094 | MP1412   |
| 1600          | 600  | 1494                      | 494  | MP1606   |
| 1600          | 800  | 1494                      | 694  | MP1608   |
| 1600          | 1000 | 1494                      | 894  | MP1610   |
| 1600          | 1200 | 1494                      | 1094 | MP1612   |
| 1800          | 400  | 1694                      | 294  | MP1804   |
| 1800          | 500  | 1694                      | 394  | MP1805   |
| 1800          | 600  | 1694                      | 494  | MP1806   |
| 1800          | 800  | 1694                      | 694  | MP1808   |
| 1800          | 1000 | 1694                      | 894  | MP1810   |
| 1800          | 1200 | 1694                      | 1094 | MP1812   |
| 1800          | 1600 | 1694                      | 1494 | MP1816   |
| 2000          | 400  | 1894                      | 294  | MP2004   |
| 2000          | 500  | 1894                      | 394  | MP2005   |
| 2000          | 600  | 1894                      | 494  | MP2006   |
| 2000          | 800  | 1894                      | 694  | MP2008   |
| 2000          | 1000 | 1894                      | 894  | MP2010   |
| 2000          | 1200 | 1894                      | 1094 | MP2012   |
| 2000          | 1600 | 1894                      | 1494 | MP2016   |
| 2200          | 600  | 2094                      | 494  | MP2206   |
| 2200          | 800  | 2094                      | 694  | MP2208   |
| 2200          | 1000 | 2094                      | 894  | MP2210   |
| 2200          | 1200 | 2094                      | 1094 | MP2212   |

500 mm width mounting plates for side mounting available on request.  
 1600 mm wide mounting plates are supplied as two 800 mm wide mounting plates along with a MPF filler plate.



## Mounting plate brackets, MPA-P

- Description:** To fix mounting plates in the enclosure, including brackets for depth adjustment in steps of 25 mm. Brackets are needed when an extra mounting plate is required or when the enclosure is ordered without mounting plate (PE).
- Material:** 3 mm zinc plated steel.
- Pack quantity:** 2 top brackets, 2 bottom sliding brackets and 2 adjustment brackets with mounting accessories.

| Item no. |
|----------|
| MPA06    |



## Mounting plate brackets for rear mounting, MPA-R

- Description:** To fix mounting plates to the enclosure from rear. The kit includes brackets for fixing the mounting plate flush with the enclosure frame or set back behind the enclosure frame, adding +20mm of useful depth for mounting components. These brackets are needed when rear fixation is required or when the enclosure is ordered without the mounting plate (PE) as an alternative to MPA06/MPA04. Unmounting from both the front and rear is possible.
- Material:** 3 mm zinc plated steel.
- Pack quantity:** 2 top brackets, 2 bottom brackets, 2 brackets for flushing the mounting plate with the frame and 2 brackets for setting the mounting plate back behind the frame with mounting accessories.

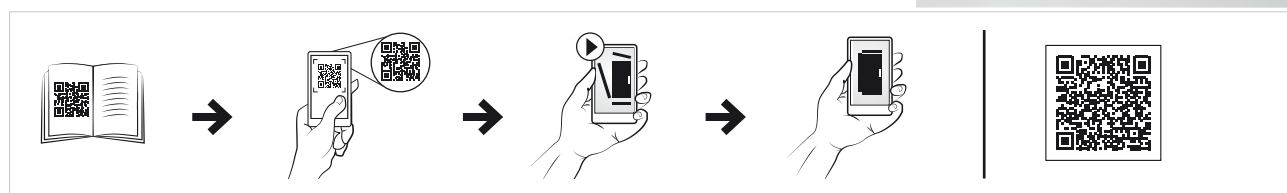
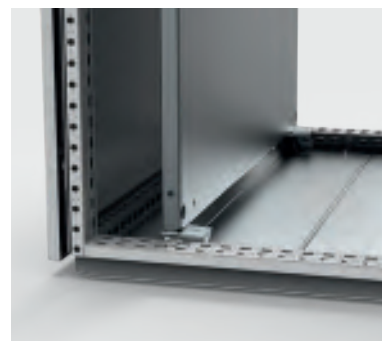
| Description               | Item no. |
|---------------------------|----------|
| MP brackets rear mounting | MPA04R   |



## Mounting plate adjustment brackets, MPD

- Description:** Brackets to adjust the mounting plate in depth by steps of 25 mm in the enclosure frame.
- Material:** 3 mm zinc plated steel.
- Pack quantity:** 2 brackets with mounting accessories.

| Item no. |
|----------|
| MPD02    |





# Floor Standing Enclosures

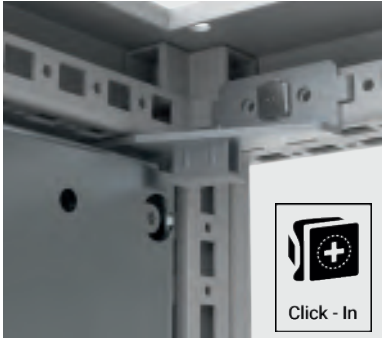
## Steel Range

### Accessories | Mounting plates

#### Mounting brackets rear fixing, MPA-RF

- Description:** To fix mounting plates in the enclosure. Brackets are needed when an extra mounting plate is required or when the enclosure is ordered without mounting plate (PE).
- Material:** 3 mm zinc plated steel.
- Pack quantity:** 2 top brackets and 2 bottom sliding brackets with mounting accessories.

| Item no. |
|----------|
| MPA04    |



#### Mounting plate back to back bracket kit, MPBB

- Description:** To mount two mounting plates back to back at any depth within the enclosure's usable space, the position can be adjusted in steps of 25 mm. The space between the mounting plates is less than 10 mm, maximizing the free usable space for customer use.
- Material:** 3 mm zinc plated steel.
- Pack quantity:** 2 top brackets, 4 side brackets, 4 bottom brackets with mounting accessories.

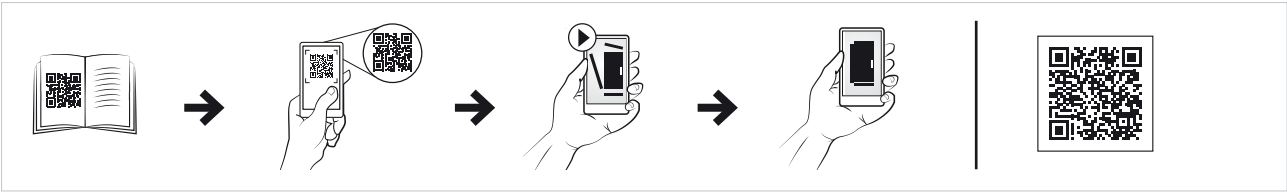
| Item no. |
|----------|
| MPBB06   |



#### Side mounting plate brackets, MPS

- Description:** To mount the standard mounting plate on the side of the enclosure's frame. Provides a mounting surface that is flush with the profiles.
- Material:** 3 mm zinc plated steel.
- Pack quantity:** 4 brackets with mounting accessories.

| Item no. |
|----------|
| MPS04    |

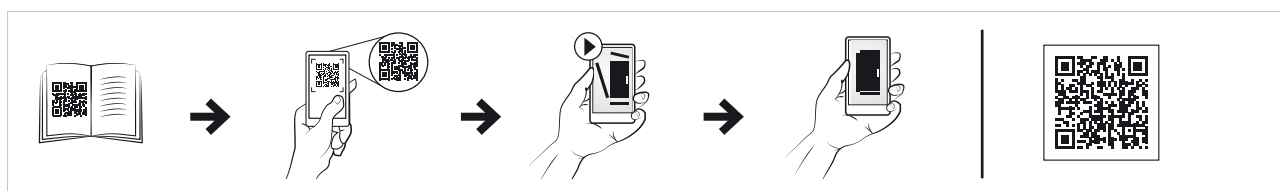
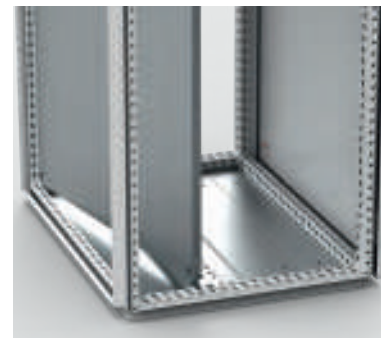


## Mounting plate hinge kit, MPH

- Description:** Allows the mounting plate to be opened up to 105°.
- Pack quantity:** 1 complete kit with accessories for one mounting plate.
- Mounting requirements:** Always use in combination with the CB carrier bar.

Item no.

MPH01

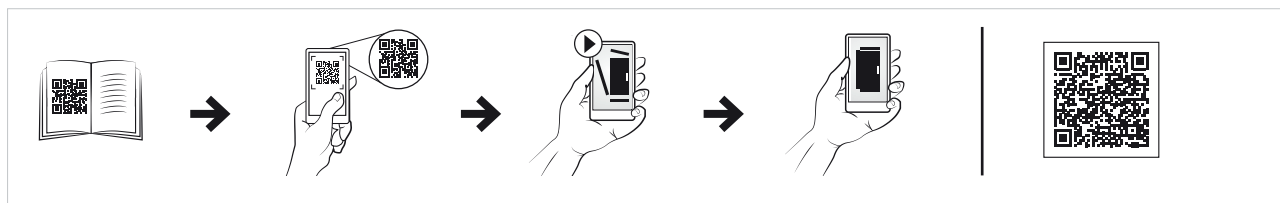


## Filler plates, MPF

- Description:** Covers the space between pairs of adjacent mounting plates to provide a continuous working surface, when two enclosures are mounted together.
- Material:** 2 mm zinc plated steel.
- Pack quantity:** 1 plate with mounting accessories.

| For enclosure |          |
|---------------|----------|
| H             | Item no. |
| 1800          | MPF1800  |
| 2000          | MPF2000  |
| 2200          | MPF2200  |

For bayed configurations MPD02 must be used along with the fixation brackets supplied with the enclosure and mounting plate. MPA06 must be used if the enclosure comes without fixation brackets. MPF cannot be used with mounting plates if they are installed in the most rear position.



# Floor Standing Enclosures

## Steel Range

### Accessories | Mounting plates

#### Partial height mounting plates, MPP

- Description:

Mounted directly on the enclosure's frame or onto the click-in profiles (CLPK). Special design of the bracket allows one man assembly. Can be mounted in any height or depth position within the 25 mm hole pattern. Appropriate sizes can also be used on the sides of the enclosure.
- Material:

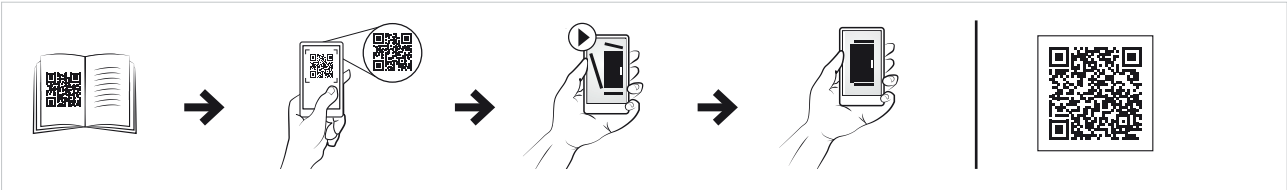
3 mm galvanized steel.
- Pack quantity:

1 plate with mounting accessories.
- Mounting requirements:

Add CLPK for depth adjustment.
- Note:

MPP can be mounted in both directions.

| For enclosure |      | Mounting plate dimensions |     | Item no. |
|---------------|------|---------------------------|-----|----------|
| H/W           | W/H  | h/w                       | w/h |          |
| 400           | 400  | 294                       | 294 | MPP0404  |
| 400           | 500  | 294                       | 394 | MPP0405  |
| 600           | 400  | 494                       | 294 | MPP0604  |
| 600           | 500  | 494                       | 394 | MPP0605  |
| 600           | 600  | 494                       | 494 | MPP0606  |
| 600           | 800  | 494                       | 694 | MPP0608  |
| 600           | 1000 | 494                       | 894 | MPP0610  |
| 800           | 400  | 694                       | 294 | MPP0804  |
| 800           | 500  | 694                       | 394 | MPP0805  |
| 800           | 800  | 694                       | 694 | MPP0808  |
| 1000          | 400  | 894                       | 294 | MPP1004  |
| 1000          | 800  | 894                       | 694 | MPP1008  |
| 1200          | 400  | 1094                      | 294 | MPP1204  |
| 1200          | 600  | 1094                      | 494 | MPP1206  |



## Wide mounting plates, MPW

**Description:**

Creates an installation surface over the full width of the enclosure. Easy installation by use of sliding profiles MTS from the side. Nominal width equals the enclosure width. When combining enclosures the MPWs can be connected and slid in as one installation surface. Can not be mounted in the rearmost position.

**Material:**

3 mm galvanized steel.

**Pack quantity:**

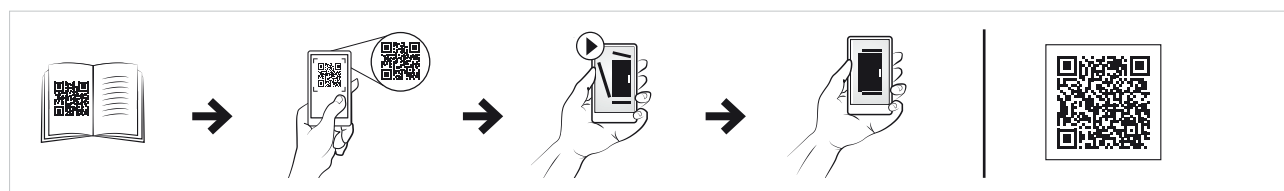
1 piece with mounting accessories.

**Mounting requirements:**

Add sliding profiles MTS. MPW fits in combinable enclosures only.

| For enclosure |      |          |
|---------------|------|----------|
| H             | W    | Item no. |
| 1800          | 500  | MPW1805  |
| 1800          | 600  | MPW1806  |
| 1800          | 800  | MPW1808  |
| 1800          | 1000 | MPW1810  |
| 1800          | 1200 | MPW1812  |
| 1800          | 1600 | MPW1816* |
| 2000          | 500  | MPW2005  |
| 2000          | 600  | MPW2006  |
| 2000          | 800  | MPW2008  |
| 2000          | 1000 | MPW2010  |
| 2000          | 1200 | MPW2012  |
| 2000          | 1600 | MPW2016* |

\* 1600 mm wide mounting plates are supplied as two 800 mm wide mounting plates.



# Floor Standing Enclosures

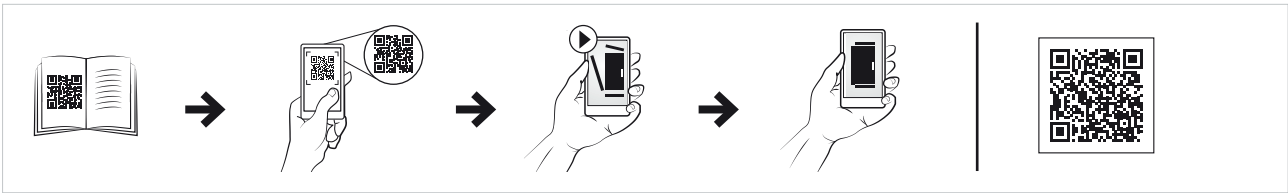
## Steel Range

### Accessories | Mounting plates

#### Transversal sliding profiles, MTS

- Description:** To be used when installing a wide mounting plate. Adjustable in depth in steps of 25 mm.
- Material:** 3 mm zinc plated steel.
- Pack quantity:** 2 profiles with mounting accessories.

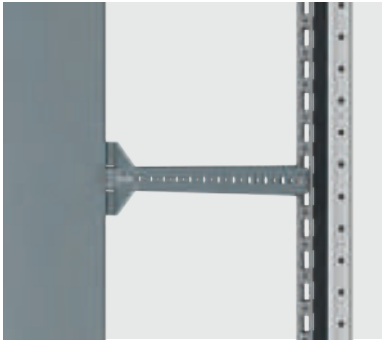
| For enclosure |          |
|---------------|----------|
| W             | Item no. |
| 500           | MTS500   |
| 600           | MTS600   |
| 800           | MTS800   |
| 1000          | MTS1000  |
| 1200          | MTS1200  |
| 1600          | MTS1600  |



#### Mounting plate fixing brackets, MPE

- Description:** For extra support of the mounting plate in the middle, in addition to the normal top and bottom fixing.
- Material:** 3 mm zinc plated steel.
- Pack quantity:** 10 pieces.
- Mounting requirements:** Add CMB profiles.

| Item no. |
|----------|
| MPE10    |



## Flush mounting plate fixing brackets, MPEF

|                       |                                                                                                                                                                                                                                                                                                                |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | For extra fixing of a heavily equipped mounting plate in the far rear position. Mounted directly to the enclosure frame for extra stability. Easy mounting without drilling. Can be fixed from the front even after the mounting plate is already in position. The combination with an MPR profile is advised. |
| <b>Material:</b>      | 3 mm zinc plated steel.                                                                                                                                                                                                                                                                                        |
| <b>Pack quantity:</b> | 10 pieces with mounting accessories.                                                                                                                                                                                                                                                                           |

| Item no. |
|----------|
| MPEF10   |



## Mounting plate reinforcement profiles, MPR

|                       |                                                                                                                                                                                                                                      |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | Reinforcing a mounting plate (MP) when heavily equipped. For dampening of vibrations and stabilization. Easy mounting without drilling. In order to achieve maximum damping, fixing of the mounting plate to the profile is advised. |
| <b>Material:</b>      | 2 mm galvanized steel.                                                                                                                                                                                                               |
| <b>Pack quantity:</b> | 2 profiles with mounting accessories.                                                                                                                                                                                                |

| For enclosure |          |
|---------------|----------|
| W             | Item no. |
| 1000          | MPR1000  |
| 1200          | MPR1200  |
| 1600          | MPR1600  |



## Mounting plate reinforcement profiles, MPWR

|                       |                                                                                                                                                                                                                                           |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | Reinforcing a wide mounting plate (MPW) when heavily equipped. For dampening of vibrations and stabilization. Easy mounting without drilling. In order to obtain maximum damping, fixing of the mounting plate to the profile is advised. |
| <b>Material:</b>      | 2 mm galvanized steel.                                                                                                                                                                                                                    |
| <b>Pack quantity:</b> | 2 profiles with mounting accessories.                                                                                                                                                                                                     |

| For enclosure |          |
|---------------|----------|
| W             | Item no. |
| 1000          | MPWR1000 |
| 1200          | MPWR1200 |





# Floor Standing Enclosures

## Steel Range

### Accessories | Profiles

#### Click-in profiles, CLPK

Mild steel, combinable enclosures

| MCS / MCD            |                                                          |                                                                                     |            |
|----------------------|----------------------------------------------------------|-------------------------------------------------------------------------------------|------------|
| Required accessories |                                                          |                                                                                     | Page       |
| FIXATION IN WIDTH    | Full width, flush with the front/rear enclosure frame    | Additional accessories not required                                                 | N/A        |
|                      | Full width, adjustable in depth                          | Mounting profile in height, CLPF (2 pcs)                                            | 113        |
|                      | Partial width, flush with the front/rear enclosure frame | Mounting profile in height, CLPF (1 pc)                                             | 113        |
|                      | Partial width, adjustable in depth                       | Mounting profile in height, CLPF (2 pcs)<br>Mounting profile in depth, CLPF (2 pcs) | 113<br>113 |
| FIXATION IN DEPTH    | Full depth, flush with the side of the enclosure frame   | Additional accessories not required                                                 | N/A        |
|                      | Full depth, adjustable in width                          | Mounting profile in height, CLPF (2 pcs)                                            | 113        |
|                      | Partial depth, flush with side enclosure frame           | Mounting profile in height, CLPF (1 pc)                                             | 113        |
|                      | Partial depth, adjustable in width                       | Mounting profile in height, CLPF (2 pcs)<br>Mounting profile in width, CLPF (2 pcs) | 113<br>113 |

Mild steel, compact enclosures

Stainless steel, combinable enclosures

Stainless steel, compact enclosures

**MKS / MKD****MCSS / MCDS****EKSS / EKDS**

| Required accessories                                                                              | Page       | Required accessories                                                                              | Page       | Required accessories                                                                              | Page       |
|---------------------------------------------------------------------------------------------------|------------|---------------------------------------------------------------------------------------------------|------------|---------------------------------------------------------------------------------------------------|------------|
| Not available                                                                                     | N/A        | Additional accessories not required                                                               | N/A        | Not available                                                                                     | N/A        |
| Not available                                                                                     | N/A        | Mounting profile in height, <b>CLPF</b> (2 pcs)                                                   | 113        | Mounting profile in height, <b>CLPF</b> (2 pcs)                                                   | 113        |
| Mounting profile in height, <b>CLPF</b> (2 pcs)                                                   | 113        | Mounting profile in height, <b>CLPF</b> (1 pc)                                                    | 113        | Mounting profile in height, <b>CLPF</b> (2 pcs)                                                   | 113        |
| Mounting profile in height, <b>CLPF</b> (2 pcs)<br>Mounting profile in depth, <b>CLPF</b> (4 pcs) | 113<br>113 | Mounting profile in height, <b>CLPF</b> (2 pcs)<br>Mounting profile in depth, <b>CLPF</b> (2 pcs) | 113<br>113 | Mounting profile in height, <b>CLPF</b> (2 pcs)<br>Mounting profile in depth, <b>CLPF</b> (4 pcs) | 113<br>113 |
| Additional accessories not required                                                               | N/A        | Additional accessories not required                                                               | N/A        | Additional accessories not required                                                               | N/A        |
| Mounting profile in height, <b>CLPF</b> (2 pcs)                                                   | 113        | Mounting profile in height, <b>CLPF</b> (2 pcs)                                                   | 113        | Mounting profile in height, <b>CLPF</b> (2 pcs)                                                   | 113        |
| Not available                                                                                     | N/A        | Mounting profile in height, <b>CLPF</b> (1 pc)                                                    | 113        | Mounting profile in height, <b>CLPF</b> (1 pc)                                                    | 113        |
| Mounting profile in height, <b>CLPF</b> (2 pcs)<br>Mounting profile in width, <b>CLPF</b> (2 pcs) | 113<br>113 | Mounting profile in height, <b>CLPF</b> (2 pcs)<br>Mounting profile in width, <b>CLPF</b> (2 pcs) | 113<br>113 | Mounting profile in height, <b>CLPF</b> (2 pcs)<br>Mounting profile in width, <b>CLPF</b> (2 pcs) | 113<br>113 |

# Floor Standing Enclosures

## Steel Range

### Accessories | Profiles

#### Mounting profile, CLPF

Mild steel, combinable enclosures

#### MCS / MCD

|                           |                                                           | Required accessories                                                                              | Page       |
|---------------------------|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------|------------|
| <b>FIXATION IN HEIGHT</b> | Full height, flush with the front/rear enclosure frame    | <i>Additional accessories not required</i>                                                        | N/A        |
|                           | Full height, flush with the side enclosure frame          | <i>Additional accessories not required</i>                                                        | N/A        |
|                           | Full height, adjustable in depth and width                | Mounting profile in depth, <b>CLPF</b> (2 pcs)                                                    | 113        |
|                           | Partial height, flush with the front/rear enclosure frame | Mounting profile in width, <b>CLPF</b> (1 pc)                                                     | 113        |
|                           | Partial height, flush with the side enclosure frame       | Mounting profile in depth, <b>CLPF</b> (1 pc)                                                     | 113        |
|                           | Partial height, adjustable in depth and width             | Mounting profile in width, <b>CLPF</b> (4 pcs)<br>Mounting profile in depth, <b>CLPF</b> (2 pcs)  | 113<br>113 |
| <b>FIXATION IN WIDTH</b>  | Full width, flush with the front/rear enclosure frame     | <i>Additional accessories not required</i>                                                        | N/A        |
|                           | Full width, adjustable in depth and height                | Mounting profile in depth, <b>CLPF</b> (2 pcs)                                                    | 113        |
|                           | Partial width, flush with the front/rear enclosure frame  | Mounting profile in height, <b>CLPF</b> (1 pc)                                                    | 113        |
|                           | Partial width, adjustable in depth and height             | Mounting profile in depth, <b>CLPF</b> (4 pcs)<br>Mounting profile in height, <b>CLPF</b> (2 pcs) | 113<br>113 |
| <b>FIXATION IN DEPTH</b>  | Full depth, flush with the side of the enclosure frame    | <i>Additional accessories not required</i>                                                        | N/A        |
|                           | Full depth, adjustable in height                          | Mounting profile in width, <b>CLPF</b> (2 pcs)                                                    | 113        |
|                           | Partial depth, flush with side enclosure frame            | Mounting profile in height, <b>CLPF</b> (1 pc)                                                    | 113        |
|                           | Partial depth, adjustable in width and height             | Mounting profile in width, <b>CLPF</b> (4 pcs)<br>Mounting profile in height, <b>CLPF</b> (2 pcs) | 113<br>113 |

Mild steel, compact enclosures

Stainless steel, combinable enclosures

Stainless steel, compact enclosures

**MKS / MKD****MCSS / MCDS****EKSS / EKDS**

| Required accessories                                                                              | Page       | Required accessories                                                                              | Page       | Required accessories                                                                              | Page       |
|---------------------------------------------------------------------------------------------------|------------|---------------------------------------------------------------------------------------------------|------------|---------------------------------------------------------------------------------------------------|------------|
| Additional accessories not required                                                               | N/A        | Additional accessories not required                                                               | N/A        | Additional accessories not required                                                               | N/A        |
| Not available                                                                                     | N/A        | Additional accessories not required                                                               | N/A        | Additional accessories not required                                                               | N/A        |
| Mounting profile in depth, <b>CLPF</b> (2 pcs)                                                    | 113        | Mounting profile in depth, <b>CLPF</b> (2 pcs)                                                    | 113        | Not available                                                                                     | N/A        |
| Mounting profile in width, <b>CLPF</b> (1 pc)                                                     | 113        | Mounting profile in width, <b>CLPF</b> (1 pc)                                                     | 113        | Mounting profile in width, <b>CLPF</b> (1 pc)                                                     | 113        |
| Click-in profile in depth, <b>CLPK</b> (1 pc)                                                     | 112        | Mounting profile in depth, <b>CLPF</b> (1 pc)                                                     | 113        | Click-in profile in depth, <b>CLPK</b> (1 pc)                                                     | 112        |
| Mounting profile in width, <b>CLPF</b> (4 pcs)<br>Mounting profile in depth, <b>CLPF</b> (2 pcs)  | 113<br>113 | Mounting profile in width, <b>CLPF</b> (4 pcs)<br>Mounting profile in depth, <b>CLPF</b> (2 pcs)  | 113<br>113 | Mounting profile in width, <b>CLPF</b> (4 pcs)<br>Mounting profile in depth, <b>CLPF</b> (2 pcs)  | 113<br>113 |
| Additional accessories not required                                                               | N/A        | Additional accessories not required                                                               | N/A        | Additional accessories not required                                                               | N/A        |
| Click-in profile in depth, <b>CLPK</b> (2 pcs)                                                    | 112        | Mounting profile in depth, <b>CLPF</b> (2 pcs)                                                    | 113        | Click-in profile in depth, <b>CLPK</b> (2 pcs)                                                    | 112        |
| Mounting profile in height, <b>CLPF</b> (1 pc)                                                    | 113        | Mounting profile in height, <b>CLPF</b> (1 pc)                                                    | 113        | Mounting profile in height, <b>CLPF</b> (1 pc)                                                    | 113        |
| Mounting profile in depth, <b>CLPF</b> (4 pcs)<br>Mounting profile in height, <b>CLPF</b> (2 pcs) | 113<br>113 | Mounting profile in depth, <b>CLPF</b> (4 pcs)<br>Mounting profile in height, <b>CLPF</b> (2 pcs) | 113<br>113 | Not available                                                                                     | N/A        |
| Not available                                                                                     | N/A        | Additional accessories not required                                                               | N/A        | Not available                                                                                     | N/A        |
| Mounting profile in width, <b>CLPF</b> (2 pcs)                                                    | 113        | Mounting profile in width, <b>CLPF</b> (2 pcs)                                                    | 113        | Mounting profile in width, <b>CLPF</b> (2 pcs)                                                    | 113        |
| Not available                                                                                     | N/A        | Mounting profile in height, <b>CLPF</b> (1 pc)                                                    | 113        | Mounting profile in height, <b>CLPF</b> (2 pcs)                                                   | 113        |
| Mounting profile in width, <b>CLPF</b> (4 pcs)<br>Mounting profile in height, <b>CLPF</b> (2 pcs) | 113<br>113 | Mounting profile in width, <b>CLPF</b> (4 pcs)<br>Mounting profile in height, <b>CLPF</b> (2 pcs) | 113<br>113 | Mounting profile in width, <b>CLPF</b> (4 pcs)<br>Mounting profile in height, <b>CLPF</b> (2 pcs) | 113<br>113 |

# Floor Standing Enclosures

## Steel Range

### Accessories | Profiles

#### Outer mounting profile, CLPO

Mild steel, combinable enclosures

| MCS / MCD            |                                                          |                                         |      |
|----------------------|----------------------------------------------------------|-----------------------------------------|------|
| Required accessories |                                                          |                                         | Page |
| FIXATION IN WIDTH    | Full width, flush with the front/rear enclosure frame    | Additional accessories not required     | N/A  |
|                      | Partial width, flush with the front/rear enclosure frame | Mounting profile in height, CLPF (1 pc) | 113  |
| FIXATION IN DEPTH    | Full depth, flush with the side of the enclosure frame   | Additional accessories not required     | N/A  |
|                      | Partial depth, flush with side enclosure frame           | Mounting profile in height, CLPF (1 pc) | 113  |

Mild steel, compact enclosures

Stainless steel, combinable enclosures

Stainless steel, compact enclosures

**MKS / MKD****MCSS / MCDS****EKSS / EKDS**

| Required accessories                           | Page       | Required accessories                           | Page       | Required accessories                           | Page       |
|------------------------------------------------|------------|------------------------------------------------|------------|------------------------------------------------|------------|
| <i>Additional accessories not required</i>     | <b>N/A</b> | <i>Additional accessories not required</i>     | <b>N/A</b> | <i>Additional accessories not required</i>     | <b>N/A</b> |
| Mounting profile in height, <b>CLPF</b> (1 pc) | <b>113</b> | Mounting profile in height, <b>CLPF</b> (1 pc) | <b>113</b> | Mounting profile in height, <b>CLPF</b> (1 pc) | <b>113</b> |
| <i>Not available</i>                           | <b>N/A</b> | <i>Additional accessories not required</i>     | <b>N/A</b> | <i>Not available</i>                           | <b>N/A</b> |
| <i>Not available</i>                           | <b>N/A</b> | Mounting profile in height, <b>CLPF</b> (1 pc) | <b>113</b> | Mounting profile in width, <b>CLPF</b> (2 pcs) | <b>113</b> |



# Floor Standing Enclosures

## Steel Range

### Accessories | Profiles

#### Carrier bars, CB

Mild steel, combinable enclosures

| MCS / MCD            |                                                          |                                                                                          |            |
|----------------------|----------------------------------------------------------|------------------------------------------------------------------------------------------|------------|
| Required accessories |                                                          |                                                                                          | Page       |
| FIXATION IN WIDTH    | Full width, flush with the bottom enclosure frame        | Additional accessories not required                                                      | N/A        |
|                      | Full width, adjustable in height                         | Mounting profile in depth, CLPF (2 pcs)<br>or<br>Click-in profile in depth, CLPK (2 pcs) | 113<br>112 |
|                      | Partial width, flush with the bottom enclosure frame     | Mounting profile in depth, CLPF (1 or 2 pcs)                                             | 113        |
|                      | Partial width, adjustable in height                      | Mounting profile in height, CLPF (2 or 4 pcs)<br>Mounting profile in depth, CLPF (2 pcs) | 113<br>113 |
|                      |                                                          |                                                                                          |            |
| FIXATION IN DEPTH    | Full depth, flush with the bottom of the enclosure frame | Additional accessories not required                                                      | N/A        |
|                      | Full depth, adjustable in width                          | Mounting profile in width, CLPF (2 pcs)<br>or<br>Click-in profile in width, CLPK (2 pcs) | 113<br>112 |
|                      | Partial depth, flush with bottom enclosure frame         | Mounting profile in width, CLPF (1 or 2 pcs)                                             | 113        |
|                      | Partial depth, adjustable in height                      | Mounting profile in height, CLPF (2 or 4 pcs)<br>Mounting profile in width, CLPF (2 pcs) | 113<br>113 |
|                      |                                                          |                                                                                          |            |

Mild steel, compact enclosures

Stainless steel, combinable enclosures

Stainless steel, compact enclosures

**MKS / MKD****MCSS / MCDS****EKSS / EKDS**

| Required accessories                                                                              | Page                     | Required accessories                                                                                   | Page                     | Required accessories                                                                                   | Page                     |
|---------------------------------------------------------------------------------------------------|--------------------------|--------------------------------------------------------------------------------------------------------|--------------------------|--------------------------------------------------------------------------------------------------------|--------------------------|
| <i>Additional accessories not required</i>                                                        | <b>N/A</b>               | <i>Additional accessories not required</i>                                                             | <b>N/A</b>               | <i>Additional accessories not required</i>                                                             | <b>N/A</b>               |
| Click-in profile in depth, <b>CLPK</b> (2 pcs)                                                    | <b>112</b>               | Mounting profile in depth, <b>CLPF</b> (2 pcs)<br>or<br>Click-in profile in depth, <b>CLPK</b> (2 pcs) | <b>113</b><br><b>112</b> | Click-in profile in depth, <b>CLPK</b> (2 pcs)                                                         | <b>112</b>               |
| Mounting profile in depth, <b>CLPF</b> (1 or 2 pcs)                                               | <b>113</b>               | Mounting profile in depth, <b>CLPF</b> (1 or 2 pcs)                                                    | <b>113</b>               | <i>Not available</i>                                                                                   | <b>N/A</b>               |
| Mounting profile in height, <b>CLPF</b> (2 pcs)<br>Click-in profile in depth, <b>CLPK</b> (2 pcs) | <b>113</b><br><b>112</b> | Mounting profile in height, <b>CLPF</b> (2 or 4 pcs)<br>Mounting profile in depth, <b>CLPF</b> (2 pcs) | <b>113</b><br><b>113</b> | Mounting profile in height, <b>CLPF</b> (2 pcs)<br>Click-in profile in depth, <b>CLPK</b> (2 pcs)      | <b>113</b><br><b>112</b> |
| <i>Additional accessories not required</i>                                                        | <b>N/A</b>               | <i>Additional accessories not required</i>                                                             | <b>N/A</b>               | <i>Additional accessories not required</i>                                                             | <b>N/A</b>               |
| Mounting profile in width, <b>CLPF</b> (2 pcs)                                                    | <b>113</b>               | Mounting profile in width, <b>CLPF</b> (2 pcs)<br>or<br>Click-in profile in width, <b>CLPK</b> (2 pcs) | <b>113</b><br><b>112</b> | Mounting profile in width, <b>CLPF</b> (2 pcs)                                                         | <b>113</b>               |
| Mounting profile in width, <b>CLPF</b> (1 or 2 pcs)                                               | <b>113</b>               | Mounting profile in width, <b>CLPF</b> (1 or 2 pcs)                                                    | <b>113</b>               | Mounting profile in width, <b>CLPF</b> (1 or 2 pcs)                                                    | <b>113</b>               |
| <i>Not available</i>                                                                              | <b>N/A</b>               | Mounting profile in height, <b>CLPF</b> (2 or 4 pcs)<br>Mounting profile in width, <b>CLPF</b> (2 pcs) | <b>113</b><br><b>113</b> | Mounting profile in height, <b>CLPF</b> (2 or 4 pcs)<br>Mounting profile in width, <b>CLPF</b> (2 pcs) | <b>113</b><br><b>113</b> |

# Floor Standing Enclosures

## Steel Range

### Accessories | Profiles

Heavy duty carrier bars, CBU

Mild steel, combinable enclosures

| MCS / MCD            |                                                          |                                                                                          |            |
|----------------------|----------------------------------------------------------|------------------------------------------------------------------------------------------|------------|
| Required accessories |                                                          |                                                                                          | Page       |
| FIXATION IN WIDTH    | Full width, flush with the bottom enclosure frame        | Additional accessories not required                                                      | N/A        |
|                      | Full width, adjustable in height                         | Mounting profile in depth, CLPF (2 pcs)<br>or<br>Click-in profile in depth, CLPK (2 pcs) | 113<br>112 |
|                      | Partial width, flush with the bottom enclosure frame     | Mounting profile in depth, CLPF (1 or 2 pcs)                                             | 113        |
|                      | Partial width, adjustable in height                      | Mounting profile in height, CLPF (2 or 4 pcs)<br>Mounting profile in depth, CLPF (2 pcs) | 113<br>113 |
| FIXATION IN DEPTH    | Full depth, flush with the bottom of the enclosure frame | Additional accessories not required                                                      | N/A        |
|                      | Full depth, adjustable in height                         | Mounting profile in width, CLPF (2 pcs)<br>or<br>Click-in profile in width, CLPK (2 pcs) | 113<br>112 |
|                      | Partial depth, flush with bottom enclosure frame         | Mounting profile in width, CLPF (1 or 2 pcs)                                             | 113        |
|                      | Partial depth, adjustable in height                      | Mounting profile in height, CLPF (2 or 4 pcs)<br>Mounting profile in width, CLPF (2 pcs) | 113<br>113 |

Mild steel, compact enclosures

Stainless steel, combinable enclosures

Stainless steel, compact enclosures

**MKS / MKD****MCSS / MCDS****EKSS / EKDS**

| Required accessories                                                                              | Page                     | Required accessories                                                                                   | Page                     | Required accessories                                                                                   | Page                     |
|---------------------------------------------------------------------------------------------------|--------------------------|--------------------------------------------------------------------------------------------------------|--------------------------|--------------------------------------------------------------------------------------------------------|--------------------------|
| <i>Additional accessories not required</i>                                                        | <b>N/A</b>               | <i>Additional accessories not required</i>                                                             | <b>N/A</b>               | <i>Additional accessories not required</i>                                                             | <b>N/A</b>               |
| Click-in profile in depth, <b>CLPK</b> (2 pcs)                                                    | <b>112</b>               | Mounting profile in depth, <b>CLPF</b> (2 pcs)<br>or<br>Click-in profile in depth, <b>CLPK</b> (2 pcs) | <b>113</b><br><b>112</b> | Click-in profile in depth, <b>CLPK</b> (2 pcs)                                                         | <b>112</b>               |
| Mounting profile in depth, <b>CLPF</b> (1 or 2 pcs)                                               | <b>113</b>               | Mounting profile in depth, <b>CLPF</b> (1 or 2 pcs)                                                    | <b>113</b>               | <i>Not available</i>                                                                                   | <b>N/A</b>               |
| Mounting profile in height, <b>CLPF</b> (2 pcs)<br>Click-in profile in depth, <b>CLPK</b> (2 pcs) | <b>113</b><br><b>112</b> | Mounting profile in height, <b>CLPF</b> (2 or 4 pcs)<br>Mounting profile in depth, <b>CLPF</b> (2 pcs) | <b>113</b><br><b>113</b> | Mounting profile in height, <b>CLPF</b> (2 pcs)<br>Click-in profile in depth, <b>CLPK</b> (2 pcs)      | <b>113</b><br><b>112</b> |
| <i>Additional accessories not required</i>                                                        | <b>N/A</b>               | <i>Additional accessories not required</i>                                                             | <b>N/A</b>               | <i>Additional accessories not required</i>                                                             | <b>N/A</b>               |
| Mounting profile in width, <b>CLPF</b> (2 pcs)                                                    | <b>113</b>               | Mounting profile in width, <b>CLPF</b> (2 pcs)<br>or<br>Click-in profile in width, <b>CLPK</b> (2 pcs) | <b>113</b><br><b>112</b> | Mounting profile in width, <b>CLPF</b> (2 pcs)                                                         | <b>113</b>               |
| Mounting profile in width, <b>CLPF</b> (1 or 2 pcs)                                               | <b>113</b>               | Mounting profile in width, <b>CLPF</b> (1 or 2 pcs)                                                    | <b>113</b>               | Mounting profile in width, <b>CLPF</b> (1 or 2 pcs)                                                    | <b>113</b>               |
| <i>Not available</i>                                                                              | <b>N/A</b>               | Mounting profile in height, <b>CLPF</b> (2 or 4 pcs)<br>Mounting profile in width, <b>CLPF</b> (2 pcs) | <b>113</b><br><b>113</b> | Mounting profile in height, <b>CLPF</b> (2 or 4 pcs)<br>Mounting profile in width, <b>CLPF</b> (2 pcs) | <b>113</b><br><b>113</b> |

# Floor Standing Enclosures

## Steel Range

### Accessories | Profiles

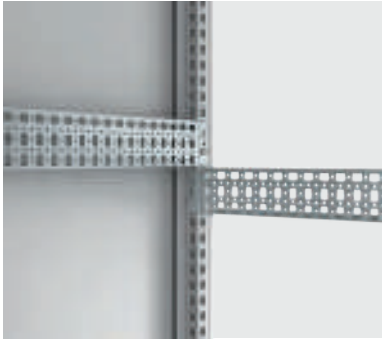
#### Click-in profiles, CLPK

- Description:

Universal profile for both depth and width fitting on the 25 mm DIN hole pattern of the enclosure's frame or in combination with the CLPF and VB profiles. The 75 mm wide profile is equipped with three rows of holes of which one is turned 90°. This makes it possible to mount the CLPF profiles in both directions. The CLPK can be secured by the use of self tapping screws.
- Material:

1.5 mm zinc plated steel.
- Pack quantity:

4 profiles.



| For enclosure |              |          |
|---------------|--------------|----------|
| W/D           | Max. loading | Item no. |
| 300           | 2000 N       | CLPK300  |
| 400           | 2000 N       | CLPK400  |
| 500           | 2000 N       | CLPK500  |
| 600           | 1600 N       | CLPK600  |
| 800           | 1600 N       | CLPK800  |
| 1000          | 1200 N       | CLPK1000 |
| 1200          | 1200 N       | CLPK1200 |

## Mounting profiles, CLPF

**Description:**

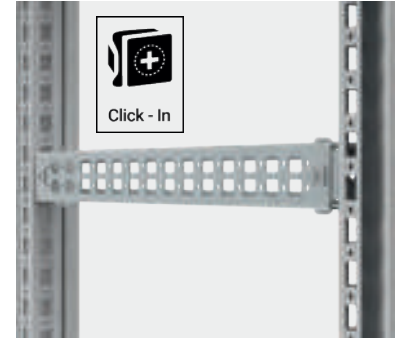
The CLPF profile system is a 40 mm wide and 25 mm high profile, which can be mounted in all directions on the enclosure's frame. It can also be used in combination with the CLPK and the VB profiles. By turning the profile it can be used as a standard CP20/40 profile in combination with GLM 40/6 sliding nut, to mount installation material which needs adjusting in depth. The profiles, when mounted onto the enclosure's frame are flush with the enclosure's profiles. Two rows of hole patterns for cage nut fixing and self tapping screws are provided. For 90 mm wide profiles two profiles can be mounted next to each other.

**Material:**

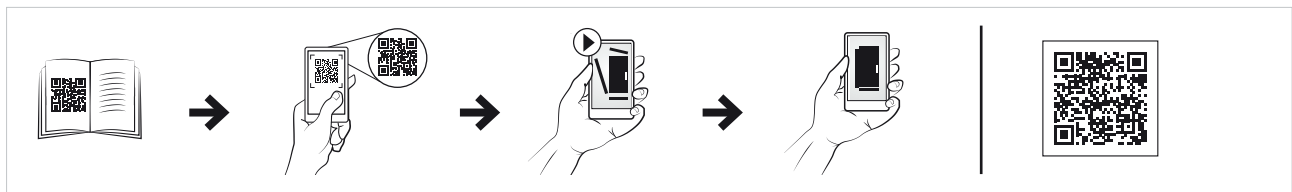
Zinc plated steel.

**Pack quantity:**

4 profiles including snap-line for fixing.



| For enclosure |      |                             |                             |          |
|---------------|------|-----------------------------|-----------------------------|----------|
| H/W           | W/D  | Max. loading Horizontal C   | Max. loading Horizontal     | Item no. |
| 300           | 300  | 800 N                       | 1000 N                      | CLPF300  |
| 400           | 400  | 800 N                       | 1000 N                      | CLPF400  |
| 500           | 500  | 800 N                       | 1000 N                      | CLPF500  |
| 600           | 600  | 800 N                       | 1000 N                      | CLPF600  |
| 800           | 800  | 800 N                       | 1000 N                      | CLPF800  |
| 1000          | 1000 | 800 N                       | 1000 N                      | CLPF1000 |
| 1200          | 1200 | 800 N                       | 1000 N                      | CLPF1200 |
| 1400          | 1400 | Only vertical loads allowed | Only vertical loads allowed | CLPF1400 |
| 1600          | 1600 | Only vertical loads allowed | Only vertical loads allowed | CLPF1600 |
| 1800          | 1800 | Only vertical loads allowed | Only vertical loads allowed | CLPF1800 |
| 2000          | 2000 | Only vertical loads allowed | Only vertical loads allowed | CLPF2000 |
| 2200          | 2200 | Only vertical loads allowed | Only vertical loads allowed | CLPF2200 |





# Floor Standing Enclosures

## Steel Range

### Accessories | Profiles

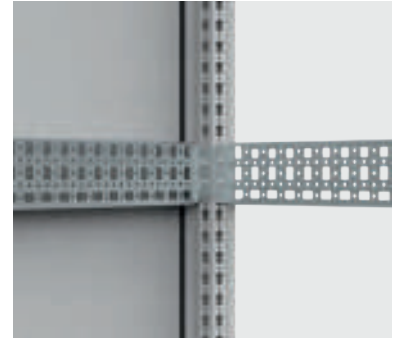
#### Outer mounting profile, CLPO

**Description:** Universal profile for both depth and width fitting on the 25 mm DIN hole pattern on the enclosure frame. The 75 mm wide profile is equipped with three rows of holes of which one is turned 90°. This makes it possible to mount the CLPO profiles in both directions. The CLPO increases the useful space by 25 mm.

**Material:** 1.5 mm zinc plated steel.

**Pack quantity:** 4 profiles.

| For enclosure |              |          |
|---------------|--------------|----------|
| W/D           | Max. loading | Item no. |
| 300           | 2400 N       | CLPO300  |
| 400           | 2400 N       | CLPO400  |
| 500           | 2400 N       | CLPO500  |
| 600           | 2400 N       | CLPO600  |
| 800           | 1800 N       | CLPO800  |
| 1000          | 1400 N       | CLPO1000 |
| 1200          | 1200 N       | CLPO1200 |



#### Sliding nuts for mounting rails, GLM

**Description:** Sliding nuts to be used with CP mounting rails and CLPF mounting profiles for easy installation of components.

**Material:** Zinc plated steel.

**Pack quantity:** 50 pieces.

| Thread | To be used with                  | Item no. |
|--------|----------------------------------|----------|
| M6     | CP1020, CP1020U, CP2020, CP2020U | GLM20-6P |
| M8     | CP1020, CP1020U, CP2020, CP2020U | GLM20-8P |
| M6     | CP2040, CP2040U, CLPF profiles   | GLM40-6P |
| M8     | CP2040, CP2040U, CLPF profiles   | GLM40-8P |



#### Profile bracket for compact enclosures, CAK

**Description:** Profile bracket to extend mounting possibilities on our steel, compact enclosures frame providing an additional mounting surface. The bracket has two round (diameter 4.3 mm) and three square (10x14 mm) holes, alternated on a pitch of 25 mm allowing a flexible approach to the installation of accessories.

**Material:** 2 mm zinc plated steel.

**Pack quantity:** 2 pieces with mounting accessories.

| Description   | Item no. |
|---------------|----------|
| for MKS, MKD. | CAK02    |



## Vertical dividing bars, VB

|                               |                                                                                                                                                                                                                                                                                         |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | Fitted in the centre of 1200 mm or 1600 mm wide enclosures (front and rear) to provide standard mounting facilities in two vertical sections of 600 mm or 800 mm. This enables separate fitting of equipment such as swing frames, system profiles, in either section of the enclosure. |
| <b>Material:</b>              | 1.75 mm zinc plated steel.                                                                                                                                                                                                                                                              |
| <b>Pack quantity:</b>         | 1 pair without mounting accessories.                                                                                                                                                                                                                                                    |
| <b>Mounting requirements:</b> | Add VBK for mounting. For complete mounting facilities in the division add VBD.                                                                                                                                                                                                         |

| For enclosure |          |
|---------------|----------|
| H             | Item no. |
| 1600          | VB1600   |
| 1800          | VB1800   |
| 2000          | VB2000   |
| 2200          | VB2200   |



## Depth dividing bars, VBD

|                               |                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | Fitted in the centre of a 1200 mm or 1600 mm wide enclosure (top and bottom), to provide standard mounting facilities in two sections of 600 mm or 800 mm wide. This enables separate fitting of accessories such as CAB(P), CBU, CLPK, CLPF etc., in either side of the enclosure. Accessories are adjustable in depth within the 25 mm hole pattern. |
| <b>Material:</b>              | 1.75 mm zinc plated steel.                                                                                                                                                                                                                                                                                                                             |
| <b>Pack quantity:</b>         | 1 pair without mounting accessories.                                                                                                                                                                                                                                                                                                                   |
| <b>Mounting requirements:</b> | Add VBK for mounting. Add VB for complete mounting facilities in the division.                                                                                                                                                                                                                                                                         |

| For enclosure |          |
|---------------|----------|
| D             | Item no. |
| 400           | VBD400   |
| 500           | VBD500   |
| 600           | VBD600   |
| 800           | VBD800   |



## Fixing brackets, VBK

|                       |                                                                                                                     |
|-----------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | Mounting brackets for the VB or VBD in 1200 mm or 1600 mm wide enclosure. It does not interfere with bottom plates. |
| <b>Material:</b>      | 3 mm zinc plated steel.                                                                                             |
| <b>Pack quantity:</b> | 4 pieces with mounting accessories.                                                                                 |

| For enclosure |          |
|---------------|----------|
| W             | Item no. |
| <1200         | VBK04    |
| 1200          | VBK1200  |
| 1600          | VBK1600  |



# Floor Standing Enclosures

## Steel Range

### Accessories | Profiles

## Side mounting bars, CMB

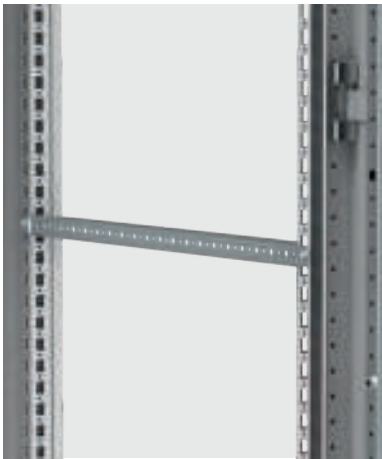
- Description:

For fixing cables, cable guides, etc, in the depth or the width of an enclosure.
- Material:

2 mm zinc plated steel.
- Pack quantity:

20 profiles with mounting accessories.

| For enclosure |          |
|---------------|----------|
| W/D           | Item no. |
| 300           | CMB302   |
| 400           | CMB402   |
| 500           | CMB502   |
| 600           | CMB602   |
| 800           | CMB802   |



## Height profiles, HP

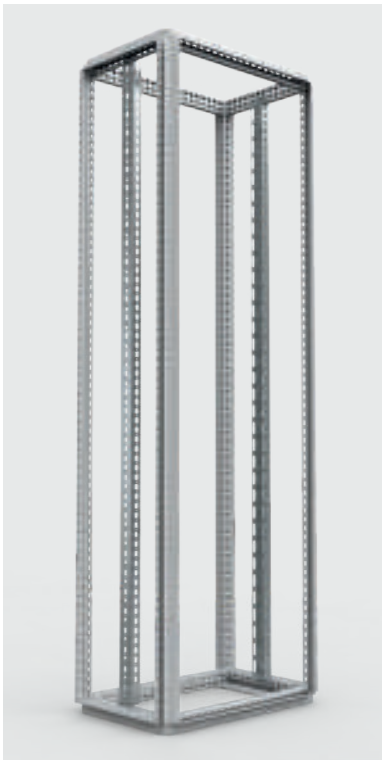
- Description:

Vertical profiles with 25 mm hole pattern, to support DIN rails and appropriate telequick mounting plates. Adjustable in depth in steps of 25 mm.
- Material:

2 mm zinc plated steel.
- Pack quantity:

2 profiles with mounting accessories.

| For enclosure |          |
|---------------|----------|
| H             | Item no. |
| 1600          | HP1600   |
| 1800          | HP1800   |
| 2000          | HP2000   |
| 2200          | HP2200   |



## Cage nuts, CNM

**Description:** Cage nuts designed for universal use on the enclosure frame profiles and the profiles system.

**Pack quantity:** 50 pieces.

| Thread | Item no. |
|--------|----------|
| M6     | CNM615   |
| M8     | CNM815   |



## Screws for clip-on cage nuts, CNS

**Description:** Socket head screws M6x12 and M8x12 for clip-on cage nuts.

**Pack quantity:** 250 pieces.

| Thread | Item no. |
|--------|----------|
| M6     | CNS612   |
| M8     | CNS812   |



## Extrude-tite screws, CNT

**Description:** Torx extrude-tite screws for fitting accessories, click in profiles, earthing etc.

**Pack quantity:** 250 pieces.

| Thread | Item no. |
|--------|----------|
| M5     | CNT05    |
| M6     | CNT06    |



## Extrude-tite screws for stainless steel profiles, CNTS

**Description:** To be used in the DIN pattern of round holes on the stainless steel enclosure frame. Torx extrude-tite screws for fitting accessories.

**Pack quantity:** 250 pieces.

| Thread | Item no. |
|--------|----------|
| M5     | CNTS05   |
| M6     | CNTS06   |



# Floor Standing Enclosures

## Steel Range

### Accessories | Profiles

#### Carrier bars, CB

**Description:** Used for heavy equipment, such as transformers, fitted in the bottom of the enclosure.

**Material:** 3 mm zinc plated steel.

**Pack quantity:** 1 pair with mounting accessories.

| For enclosure |              |          |
|---------------|--------------|----------|
| W/D           | Max. loading | Item no. |
| 400           | 2500 N       | CB400    |
| 500           | 2100 N       | CB500    |
| 600           | 1800 N       | CB600    |
| 800           | 1300 N       | CB800    |

The maximum load is indicated per bar.



#### Heavy duty carrier bars, CBU

**Description:** Heavy duty carrier bar for mounting heavy components e.g. transformers. Supplied with T-shaped sliding bolts and equipped with slotted holes for mounting in any position, both in width and depth of the enclosure.

**Material:** 2.5 mm zinc plated steel.

**Pack quantity:** 1 pair with mounting accessories and 4 T-shaped sliding bolts.

| For enclosure |              |          |
|---------------|--------------|----------|
| W/D           | Max. loading | Item no. |
| 400           | 3000 N       | CBU400   |
| 500           | 3000 N       | CBU500   |
| 600           | 3000 N       | CBU600   |
| 800           | 2250 N       | CBU800   |
| 1000          | 1800 N       | CBU1000  |
| 1200          | 1500 N       | CBU1200  |

The maximum load is indicated per bar.



#### Lütze system adaptor profiles, CLS

**Description:** Adapter to fix the Lütze system direct to the floorstanding, enclosure frame.

**Material:** 2.5 mm zinc plated steel.

**Pack quantity:** 6 adapter bars with mounting accessories.

| For enclosure |          |
|---------------|----------|
| D             | Item no. |
| 400           | CLS400   |
| 500           | CLS500   |
| 600           | CLS600   |
| 800           | CLS800   |



# Floor Standing Enclosures Steel Range

## Accessories | Modular system

# 01

Floor Standing Enclosures

1

## Mounting plates, MSMPN

|                               |                                                                                            |
|-------------------------------|--------------------------------------------------------------------------------------------|
| <b>Description:</b>           | Mounting plate for installation of breakers. Suitable for left and right hand connections. |
| <b>Material:</b>              | 1.5 mm galvanized steel.                                                                   |
| <b>Pack quantity:</b>         | 1 piece with mounting material.                                                            |
| <b>Mounting requirements:</b> | To be assembled on the modular system frame with MSMPA01 or MSMPF01.                       |

### Plain

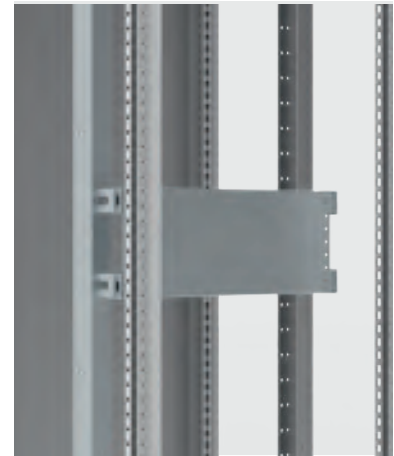
| H   | W    | h   | w   | Item no.  |
|-----|------|-----|-----|-----------|
| 50  | 600  | 496 | 470 | MSMPN0506 |
| 50  | 800  | 496 | 670 | MSMPN0508 |
| 100 | 600  | 96  | 470 | MSMPN1006 |
| 100 | 800  | 96  | 670 | MSMPN1008 |
| 150 | 600  | 146 | 470 | MSMPN1506 |
| 150 | 800  | 146 | 670 | MSMPN1508 |
| 200 | 600  | 196 | 470 | MSMPN2006 |
| 200 | 800  | 196 | 670 | MSMPN2008 |
| 250 | 600  | 246 | 470 | MSMPN2506 |
| 250 | 800  | 246 | 670 | MSMPN2508 |
| 300 | 600  | 296 | 470 | MSMPN3006 |
| 300 | 800  | 296 | 670 | MSMPN3008 |
| 400 | 600  | 396 | 470 | MSMPN4006 |
| 400 | 800  | 396 | 670 | MSMPN4008 |
| 450 | 600  | 446 | 470 | MSMPN4506 |
| 450 | 800  | 446 | 670 | MSMPN4508 |
| 500 | 600  | 496 | 470 | MSMPN5006 |
| 500 | 800  | 496 | 670 | MSMPN5008 |
| 600 | 600  | 596 | 470 | MSMPN6006 |
| 600 | 800  | 596 | 670 | MSMPN6008 |
| 600 | 1000 | 596 | 870 | MSMPN6010 |

### Horizontal opening

| H   | W   | h  | w   | Item no.   |
|-----|-----|----|-----|------------|
| 100 | 600 | 96 | 470 | MSMPN1006H |
| 100 | 800 | 96 | 670 | MSMPN1008H |

### Vertical opening

| H   | W   | h   | w   | Item no.   |
|-----|-----|-----|-----|------------|
| 150 | 600 | 146 | 470 | MSMPN1506V |
| 150 | 800 | 146 | 670 | MSMPN1508V |
| 200 | 600 | 196 | 470 | MSMPN2006V |
| 200 | 800 | 196 | 670 | MSMPN2008V |
| 250 | 600 | 246 | 470 | MSMPN2506V |
| 250 | 800 | 246 | 670 | MSMPN2508V |
| 300 | 600 | 296 | 470 | MSMPN3006V |
| 300 | 800 | 296 | 670 | MSMPN3008V |
| 400 | 600 | 396 | 470 | MSMPN4006V |
| 400 | 800 | 396 | 670 | MSMPN4008V |
| 450 | 600 | 446 | 470 | MSMPN4506V |
| 450 | 800 | 446 | 670 | MSMPN4508V |
| 600 | 600 | 596 | 470 | MSMPN6006V |
| 600 | 800 | 596 | 670 | MSMPN6008V |





# Floor Standing Enclosures

## Steel Range

### Accessories | Modular system

#### Modular system frames, MSMSF

**Description:** Two single vertical profiles, which can be used both for front covers and assembly of components. A cost effective solution for panel builders, reducing assembly time, which also enables assembly outside the enclosure. Useful height for front covers is, Height – 150 mm.

**Material:** 2 mm steel.

**Finish:** RAL 7035.

**Pack quantity:** 1 kit.

| H    | W   | Item no.  |
|------|-----|-----------|
| 1800 | 600 | MSMSF1806 |
| 1800 | 800 | MSMSF1808 |
| 2000 | 600 | MSMSF2006 |
| 2000 | 800 | MSMSF2008 |
| 2200 | 600 | MSMSF2206 |
| 2200 | 800 | MSMSF2208 |



#### DIN rails, MSDR

**Description:** Cut to size DIN rail ready to be installed. The simplified panel design makes procurement easier and reduces assembly time.

**Material:** Galvanized steel.

**Pack quantity:** 5 pieces.

**Mounting requirements:** To be used with modular system.

| W   | Item no. |
|-----|----------|
| 600 | MSDR0600 |
| 800 | MSDR0800 |



## Fixed brackets, MSMPF01

|                               |                                                                                                                                                       |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | A bracket to mount a DIN-rail to allow for mounting of modular components in the modular system profiles. Cost effective solution for panel builders. |
| <b>Material:</b>              | 2.5 mm galvanized steel.                                                                                                                              |
| <b>Pack quantity:</b>         | 2 pairs.                                                                                                                                              |
| <b>Mounting requirements:</b> | To be assembled on the modular system frame.                                                                                                          |

| Item no. |
|----------|
| MSMPF01  |



## Adjustable brackets, MSMPA01

|                               |                                                                                                                                                              |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | A bracket to mount a DIN-rail or mounting plate which is adjustable in depth to allow for mounting of components in different sizes in the desired position. |
| <b>Material:</b>              | 2.5 mm galvanized steel, zamak.                                                                                                                              |
| <b>Pack quantity:</b>         | 2 pairs.                                                                                                                                                     |
| <b>Mounting requirements:</b> | To be assembled on the modular system frame.                                                                                                                 |

| Item no. |
|----------|
| MSMPA01  |



# Floor Standing Enclosures

## Steel Range

### Accessories | Modular system

## Adjustment profiles, APK

|                       |                                                                                                                                                                                                             |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | Width profiles which allows for continuous adjustment of fixation cage nuts for components in height, depth and width. Panel builders can then fix any component in the desired position without machining. |
| <b>Material:</b>      | 2,5 mm galvanized steel.                                                                                                                                                                                    |
| <b>Pack quantity:</b> | 2 pairs.                                                                                                                                                                                                    |
| <b>Requirements:</b>  | To be assembled on CLPF depth profiles.                                                                                                                                                                     |

| For enclosure |          |
|---------------|----------|
| W             | Item no. |
| 600           | APK600   |
| 800           | APK800   |



## Slotted front panels, MSMCP

|                               |                                                                                                                                                                   |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | Slotted front panel for modular assemblies. Provided with one DIN rail per row for modular components. It has a top and bottom bending to provide extra rigidity. |
| <b>Material:</b>              | 1.25 mm steel.                                                                                                                                                    |
| <b>Finish:</b>                | RAL 7035 structured powder coating.                                                                                                                               |
| <b>Delivery:</b>              | 1 piece with mounting material.                                                                                                                                   |
| <b>Mounting requirements:</b> | To be assembled on the modular system frame.                                                                                                                      |

| H   | W   | N° of rows | DIN modules | Item no.      |
|-----|-----|------------|-------------|---------------|
| 150 | 600 | 1          | 25          | MSMCP1506R5   |
| 150 | 800 | 1          | 38          | MSMCP1508R5   |
| 200 | 600 | 1          | 25          | MSMCP2006R5   |
| 200 | 800 | 1          | 38          | MSMCP2008R5   |
| 300 | 600 | 1          | 25          | MSMCP3006-1R5 |
| 300 | 800 | 1          | 38          | MSMCP3008-1R5 |
| 300 | 600 | 2          | 50          | MSMCP3006-2R5 |
| 300 | 800 | 2          | 76          | MSMCP3008-2R5 |
| 450 | 600 | 3          | 75          | MSMCP4506R5   |
| 450 | 800 | 3          | 114         | MSMCP4508R5   |
| 600 | 600 | 4          | 100         | MSMCP6006R5   |
| 600 | 800 | 4          | 152         | MSMCP6008R5   |



## Plain front panels, MSMBP

|                               |                                                                                                      |
|-------------------------------|------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | Plain front panel for modular assemblies. It has a top and bottom bending to provide extra rigidity. |
| <b>Material:</b>              | 1.25 mm steel.                                                                                       |
| <b>Finish:</b>                | RAL 7035 structured powder coating.                                                                  |
| <b>Delivery:</b>              | 1 piece with mounting material.                                                                      |
| <b>Mounting requirements:</b> | To be assembled on the modular system frame.                                                         |

| H   | W   | h   | w   | Item no.    |
|-----|-----|-----|-----|-------------|
| 50  | 600 | 49  | 503 | MSMBP0506R5 |
| 50  | 800 | 49  | 703 | MSMBP0508R5 |
| 100 | 600 | 99  | 503 | MSMBP1006R5 |
| 100 | 800 | 99  | 703 | MSMBP1008R5 |
| 150 | 600 | 149 | 503 | MSMBP1506R5 |
| 150 | 800 | 149 | 703 | MSMBP1508R5 |
| 200 | 600 | 199 | 503 | MSMBP2006R5 |
| 200 | 800 | 199 | 703 | MSMBP2008R5 |
| 250 | 600 | 249 | 503 | MSMBP2506R5 |
| 250 | 800 | 249 | 703 | MSMBP2508R5 |
| 300 | 600 | 299 | 503 | MSMBP3006R5 |
| 300 | 800 | 299 | 703 | MSMBP3008R5 |
| 400 | 600 | 399 | 503 | MSMBP4006R5 |
| 400 | 800 | 399 | 703 | MSMBP4008R5 |
| 450 | 600 | 449 | 503 | MSMBP4506R5 |
| 450 | 800 | 449 | 703 | MSMBP4508R5 |
| 500 | 600 | 499 | 503 | MSMBP5006R5 |
| 500 | 800 | 499 | 703 | MSMBP5008R5 |
| 600 | 600 | 599 | 503 | MSMBP6006R5 |
| 600 | 800 | 599 | 703 | MSMBP6008R5 |



## Blanking plates for DIN slots, TB13G

|                       |                                                                                              |
|-----------------------|----------------------------------------------------------------------------------------------|
| <b>Description:</b>   | Blanking plate to cover the unused space in the DIN slots. Can be divided per half a module. |
| <b>Material:</b>      | Plastic.                                                                                     |
| <b>Finish:</b>        | RAL 7035.                                                                                    |
| <b>Pack quantity:</b> | 1 piece of blanking plate 13 mod. Overall length 234 mm.                                     |

| Item no. |
|----------|
| TB13G    |



# Floor Standing Enclosures

## Steel Range

### Accessories | 19" mounting

Mild steel, combinable enclosures

#### Swing frame ESFC 600 mm width

MCS / MCD

|                         |                                                                                                     | Required accessories                                                                                                                                                                                       | Page                            |
|-------------------------|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| <b>FIXATION</b>         | Full height swing frame, mounted in the front/rear                                                  | Swing frame transversal support bars, <b>ESFB</b> , in width                                                                                                                                               | 144                             |
|                         | Full height swing frame, mounted in the side                                                        | Swing frame transversal support bars, <b>ESFB</b> , in depth                                                                                                                                               | 144                             |
|                         | Partial height swing frame, mounted in the front/rear                                               | Swing frame transversal support bars, <b>ESFB</b> , in width<br>Mounting profile in depth, <b>CLPF</b> (2 pcs)                                                                                             | 144<br>113                      |
|                         | Partial height swing frame, mounted in the side                                                     | Swing frame transversal support bars, <b>ESFB</b> , in depth<br>Mounting profile in width, <b>CLPF</b> (2 pcs)                                                                                             | 144<br>113                      |
|                         | Full height swing frame, mounted in the front/rear of an internally divided 1200/1600 enclosure     | Swing frame transversal support bars, <b>ESFB</b> , in width<br>Depth dividing bars, <b>VBD</b><br>Fixing brackets, <b>VBK</b>                                                                             | 144<br>115<br>115               |
|                         | Partial height swing frame, mounted in the front/rear of an internally divided 1200 width enclosure | Swing frame transversal support bars, <b>ESFB</b><br>Mounting profile in depth, <b>CLPF</b> (2 pcs)<br>Depth dividing bars, <b>VBD</b><br>Vertical dividing bars, <b>VB</b><br>Fixing brackets, <b>VBK</b> | 144<br>113<br>115<br>115<br>115 |
| <b>DEPTH ADJUSTMENT</b> | Swing frame adjustable in depth                                                                     | <i>Additional accessories not required</i>                                                                                                                                                                 | N/A                             |
| <b>HINGED 180°</b>      | Full or partial height swing frame 180° hinged                                                      | Swing frame hinges 180°, <b>ESFH</b>                                                                                                                                                                       | 144                             |
| <b>SUPPORT</b>          | Swing frame chassis support                                                                         | Swing frame chassis support, <b>SFSU</b>                                                                                                                                                                   | 145                             |
| <b>DOOR STOP</b>        | Full or partial height swing frame door stop 130°                                                   | Swing frame door stop 130°, <b>ESFD130</b>                                                                                                                                                                 | 145                             |
|                         | Full or partial height swing frame door stop 180°                                                   | Swing frame door stop 180°, <b>ESFD180</b>                                                                                                                                                                 | 145                             |

Mild steel, compact enclosures

MKS / MKD

| Required accessories                                                                                                                                                                                       | Page                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| Swing frame transversal support bars, <b>ESFB</b> , in width                                                                                                                                               | <b>144</b>                                                         |
| <i>Not available</i>                                                                                                                                                                                       | <b>N/A</b>                                                         |
| Swing frame transversal support bars, <b>ESFB</b> , in width<br>Click-in profile in depth, <b>CLPK</b> (2 pcs)                                                                                             | <b>144</b><br><b>112</b>                                           |
| <i>Not available</i>                                                                                                                                                                                       | <b>N/A</b>                                                         |
| Swing frame transversal support bars, <b>ESFB</b> , in width<br>Depth dividing bars, <b>VBD</b><br>Fixing brackets, <b>VBK</b>                                                                             | <b>144</b><br><b>115</b><br><b>115</b>                             |
| Swing frame transversal support bars, <b>ESFB</b><br>Click-in profile in depth, <b>CLPK</b> (2 pcs)<br>Depth dividing bars, <b>VBD</b><br>Vertical dividing bars, <b>VB</b><br>Fixing brackets, <b>VBK</b> | <b>144</b><br><b>112</b><br><b>115</b><br><b>115</b><br><b>115</b> |
| <i>Additional accessories not required</i>                                                                                                                                                                 | <b>N/A</b>                                                         |
| Swing frame hinges 180°, <b>ESFH</b>                                                                                                                                                                       | <b>144</b>                                                         |
| Swing frame chassis support, <b>SFSU</b>                                                                                                                                                                   | <b>145</b>                                                         |
| Swing frame door stop 130°, <b>ESFD130</b>                                                                                                                                                                 | <b>145</b>                                                         |
| Swing frame door stop 180°, <b>ESFD180</b>                                                                                                                                                                 | <b>145</b>                                                         |

Stainless steel, combinable enclosures

MCSS / MCDS

| Required accessories                                                                                                                                                                                       | Page                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| Swing frame transversal support bars, <b>ESFB</b> , in width                                                                                                                                               | <b>144</b>                                                         |
| Swing frame transversal support bars, <b>ESFB</b> , in depth                                                                                                                                               | <b>144</b>                                                         |
| Swing frame transversal support bars, <b>ESFB</b> , in width<br>Mounting profile in depth, <b>CLPF</b> (2 pcs)                                                                                             | <b>144</b><br><b>113</b>                                           |
| Swing frame transversal support bars, <b>ESFB</b> , in depth<br>Mounting profile in width, <b>CLPF</b> (2 pcs)                                                                                             | <b>144</b><br><b>113</b>                                           |
| Swing frame transversal support bars, <b>ESFB</b> , in width<br>Depth dividing bars, <b>VBD</b><br>Fixing brackets, <b>VBK</b>                                                                             | <b>144</b><br><b>115</b><br><b>115</b>                             |
| Swing frame transversal support bars, <b>ESFB</b><br>Mounting profile in depth, <b>CLPF</b> (2 pcs)<br>Depth dividing bars, <b>VBD</b><br>Vertical dividing bars, <b>VB</b><br>Fixing brackets, <b>VBK</b> | <b>144</b><br><b>113</b><br><b>115</b><br><b>115</b><br><b>115</b> |
| <i>Additional accessories not required</i>                                                                                                                                                                 | <b>N/A</b>                                                         |
| Swing frame hinges 180°, <b>ESFH</b>                                                                                                                                                                       | <b>144</b>                                                         |
| Swing frame chassis support, <b>SFSU</b>                                                                                                                                                                   | <b>144</b>                                                         |
| Swing frame door stop 130°, <b>ESFD130</b>                                                                                                                                                                 | <b>144</b>                                                         |
| Swing frame door stop 180°, <b>ESFD180</b>                                                                                                                                                                 | <b>144</b>                                                         |

Stainless steel, compact enclosures

EKSS / EKDS

| Required accessories                                                                                                                                                                                       | Page                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| Swing frame transversal support bars, <b>ESFB</b> , in width                                                                                                                                               | <b>144</b>                                                         |
| <i>Not available</i>                                                                                                                                                                                       | <b>N/A</b>                                                         |
| Swing frame transversal support bars, <b>ESFB</b> , in width<br>Click-in profile in depth, <b>CLPK</b> (2 pcs)                                                                                             | <b>144</b><br><b>112</b>                                           |
| <i>Not available</i>                                                                                                                                                                                       | <b>N/A</b>                                                         |
| <i>Not available</i>                                                                                                                                                                                       | <b>N/A</b>                                                         |
| Swing frame transversal support bars, <b>ESFB</b><br>Click-in profile in depth, <b>CLPK</b> (2 pcs)<br>Depth dividing bars, <b>VBD</b><br>Vertical dividing bars, <b>VB</b><br>Fixing brackets, <b>VBK</b> | <b>144</b><br><b>112</b><br><b>115</b><br><b>115</b><br><b>115</b> |
| <i>Additional accessories not required</i>                                                                                                                                                                 | <b>N/A</b>                                                         |
| Swing frame hinges 180°, <b>ESFH</b>                                                                                                                                                                       | <b>144</b>                                                         |
| Swing frame chassis support, <b>SFSU</b>                                                                                                                                                                   | <b>145</b>                                                         |
| Swing frame door stop 130°, <b>ESFD130</b>                                                                                                                                                                 | <b>145</b>                                                         |
| Swing frame door stop 180°, <b>ESFD180</b>                                                                                                                                                                 | <b>145</b>                                                         |



# Floor Standing Enclosures

## Steel Range

### Accessories | 19" mounting

#### Middle swing frame ESFM 800 mm width

Mild steel, combinable enclosures

#### MCS / MCD

|                         |                                                                                                     | Required accessories                                                                                                                                                                                       | Page                            |
|-------------------------|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| <b>FIXATION</b>         | Full height swing frame, mounted in the front/rear                                                  | Swing frame transversal support bars, <b>ESFB</b> , in width                                                                                                                                               | 144                             |
|                         | Full height swing frame, mounted in the side                                                        | Swing frame transversal support bars, <b>ESFB</b> , in depth                                                                                                                                               | 144                             |
|                         | Partial height swing frame, mounted in the front/rear                                               | Swing frame transversal support bars, <b>ESFB</b> , in width<br>Mounting profile in depth, <b>CLPF</b> (2 pcs)                                                                                             | 144<br>113                      |
|                         | Partial height swing frame, mounted in the side                                                     | Swing frame transversal support bars, <b>ESFB</b> , in depth<br>Mounting profile in width, <b>CLPF</b> (2 pcs)                                                                                             | 144<br>113                      |
|                         | Full height swing frame, mounted in the front/rear of an internally divided 1200/1600 enclosure     | Swing frame transversal support bars, <b>ESFB</b> , in width<br>Depth dividing bars, <b>VBD</b><br>Fixing brackets, <b>VBK</b>                                                                             | 144<br>115<br>115               |
|                         | Partial height swing frame, mounted in the front/rear of an internally divided 1600 width enclosure | Swing frame transversal support bars, <b>ESFB</b><br>Mounting profile in depth, <b>CLPF</b> (2 pcs)<br>Depth dividing bars, <b>VBD</b><br>Vertical dividing bars, <b>VB</b><br>Fixing brackets, <b>VBK</b> | 144<br>113<br>115<br>115<br>115 |
| <b>DEPTH ADJUSTMENT</b> | Swing frame adjustable in depth                                                                     | <i>Additional accessories not required</i>                                                                                                                                                                 | N/A                             |
| <b>HINGED 180°</b>      | Full or partial height swing frame 180° hinged                                                      | <i>Additional accessories not required</i>                                                                                                                                                                 | N/A                             |
| <b>SUPPORT</b>          | Swing frame chassis support                                                                         | Swing frame chassis support, <b>SFSU</b>                                                                                                                                                                   | 145                             |
| <b>DOOR STOP</b>        | Full or partial height swing frame door stop 130°                                                   | Swing frame door stop 130°, <b>ESFD130</b>                                                                                                                                                                 | 145                             |
|                         | Full or partial height swing frame door stop 180°                                                   | Swing frame door stop 180°, <b>ESFD180</b>                                                                                                                                                                 | 145                             |

Mild steel, compact enclosures

MKS / MKD

| Required accessories                                                                                                                                                                                       | Page                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| Swing frame transversal support bars, <b>ESFB</b> , in width                                                                                                                                               | <b>144</b>                                                         |
| <i>Not available</i>                                                                                                                                                                                       | <b>N/A</b>                                                         |
| Swing frame transversal support bars, <b>ESFB</b> , in width<br>Click-in profile in depth, <b>CLPK</b> (2 pcs)                                                                                             | <b>144</b><br><b>112</b>                                           |
| <i>Not available</i>                                                                                                                                                                                       | <b>N/A</b>                                                         |
| Swing frame transversal support bars, <b>ESFB</b> , in width<br>Depth dividing bars, <b>VBD</b><br>Fixing brackets, <b>VBK</b>                                                                             | <b>144</b><br><b>115</b><br><b>115</b>                             |
| Swing frame transversal support bars, <b>ESFB</b><br>Click-in profile in depth, <b>CLPK</b> (2 pcs)<br>Depth dividing bars, <b>VBD</b><br>Vertical dividing bars, <b>VB</b><br>Fixing brackets, <b>VBK</b> | <b>144</b><br><b>112</b><br><b>115</b><br><b>115</b><br><b>115</b> |
| <i>Additional accessories not required</i>                                                                                                                                                                 | <b>N/A</b>                                                         |
| <i>Additional accessories not required</i>                                                                                                                                                                 | <b>N/A</b>                                                         |
| Swing frame chassis support, <b>SFSU</b>                                                                                                                                                                   | <b>145</b>                                                         |
| Swing frame door stop 130°, <b>ESFD130</b>                                                                                                                                                                 | <b>145</b>                                                         |
| Swing frame door stop 180°, <b>ESFD180</b>                                                                                                                                                                 | <b>145</b>                                                         |

Stainless steel, combinable enclosures

MCSS / MCDS

| Required accessories                                                                                                                                                                                       | Page                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| Swing frame transversal support bars, <b>ESFB</b> , in width                                                                                                                                               | <b>144</b>                                                         |
| Swing frame transversal support bars, <b>ESFB</b> , in depth                                                                                                                                               | <b>144</b>                                                         |
| Swing frame transversal support bars, <b>ESFB</b> , in width<br>Mounting profile in depth, <b>CLPF</b> (2 pcs)                                                                                             | <b>144</b><br><b>113</b>                                           |
| Swing frame transversal support bars, <b>ESFB</b> , in depth<br>Mounting profile in width, <b>CLPF</b> (2 pcs)                                                                                             | <b>144</b><br><b>113</b>                                           |
| Swing frame transversal support bars, <b>ESFB</b> , in width<br>Depth dividing bars, <b>VBD</b><br>Fixing brackets, <b>VBK</b>                                                                             | <b>144</b><br><b>115</b><br><b>115</b>                             |
| Swing frame transversal support bars, <b>ESFB</b><br>Mounting profile in depth, <b>CLPF</b> (2 pcs)<br>Depth dividing bars, <b>VBD</b><br>Vertical dividing bars, <b>VB</b><br>Fixing brackets, <b>VBK</b> | <b>144</b><br><b>113</b><br><b>115</b><br><b>115</b><br><b>115</b> |
| <i>Additional accessories not required</i>                                                                                                                                                                 | <b>N/A</b>                                                         |
| <i>Additional accessories not required</i>                                                                                                                                                                 | <b>N/A</b>                                                         |
| Swing frame chassis support, <b>SFSU</b>                                                                                                                                                                   | <b>145</b>                                                         |
| Swing frame door stop 130°, <b>ESFD130</b>                                                                                                                                                                 | <b>145</b>                                                         |
| Swing frame door stop 180°, <b>ESFD180</b>                                                                                                                                                                 | <b>145</b>                                                         |

Stainless steel, compact enclosures

EKSS / EKDS

| Required accessories                                                                                                                                                                                       | Page                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| Swing frame transversal support bars, <b>ESFB</b> , in width                                                                                                                                               | <b>144</b>                                                         |
| <i>Not available</i>                                                                                                                                                                                       | <b>N/A</b>                                                         |
| Swing frame transversal support bars, <b>ESFB</b> , in width<br>Click-in profile in depth, <b>CLPK</b> (2 pcs)                                                                                             | <b>144</b><br><b>112</b>                                           |
| <i>Not available</i>                                                                                                                                                                                       | <b>N/A</b>                                                         |
| <i>Not available</i>                                                                                                                                                                                       | <b>N/A</b>                                                         |
| Swing frame transversal support bars, <b>ESFB</b><br>Click-in profile in depth, <b>CLPK</b> (2 pcs)<br>Depth dividing bars, <b>VBD</b><br>Vertical dividing bars, <b>VB</b><br>Fixing brackets, <b>VBK</b> | <b>144</b><br><b>112</b><br><b>115</b><br><b>115</b><br><b>115</b> |
| <i>Additional accessories not required</i>                                                                                                                                                                 | <b>N/A</b>                                                         |
| <i>Additional accessories not required</i>                                                                                                                                                                 | <b>N/A</b>                                                         |
| Swing frame chassis support, <b>SFSU</b>                                                                                                                                                                   | <b>145</b>                                                         |
| Swing frame door stop 130°, <b>ESFD130</b>                                                                                                                                                                 | <b>145</b>                                                         |
| Swing frame door stop 180°, <b>ESFD180</b>                                                                                                                                                                 | <b>145</b>                                                         |

# Floor Standing Enclosures

## Steel Range

### Accessories | 19" mounting

#### Side swing frame ESFS 800 mm width

Mild steel, combinable enclosures

#### MCS / MCD

|                         |                                                                                                          | Required accessories                                                                                                                                                                                       | Page                            |
|-------------------------|----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| <b>FIXATION</b>         | Full height swing frame, mounted in the front/rear                                                       | Swing frame transversal support bars, <b>ESFB</b> , in width                                                                                                                                               | 144                             |
|                         | Full height swing frame, mounted in the side                                                             | Swing frame transversal support bars, <b>ESFB</b> , in depth                                                                                                                                               | 144                             |
|                         | Partial height swing frame, mounted in the front/rear                                                    | Swing frame transversal support bars, <b>ESFB</b> , in width<br>Mounting profile in depth, <b>CLPF</b> (2 pcs)                                                                                             | 144<br>113                      |
|                         | Partial height swing frame, mounted in the side                                                          | Swing frame transversal support bars, <b>ESFB</b> , in depth<br>Mounting profile in width, <b>CLPF</b> (2 pcs)                                                                                             | 144<br>113                      |
|                         | Full height swing frame, mounted in the front/rear of an internally divided 1200/1600 enclosure          | Swing frame transversal support bars, <b>ESFB</b> , in width<br>Depth dividing bars, <b>VBD</b><br>Fixing brackets, <b>VBK</b>                                                                             | 144<br>115<br>115               |
|                         | Partial height swing frame, mounted in the front/rear of an internally divided 1200/1600 width enclosure | Swing frame transversal support bars, <b>ESFB</b><br>Mounting profile in depth, <b>CLPF</b> (2 pcs)<br>Depth dividing bars, <b>VBD</b><br>Vertical dividing bars, <b>VB</b><br>Fixing brackets, <b>VBK</b> | 144<br>113<br>115<br>115<br>115 |
| <b>DEPTH ADJUSTMENT</b> | Swing frame adjustable in depth                                                                          | <i>Additional accessories not required</i>                                                                                                                                                                 | N/A                             |
| <b>HINGED 180°</b>      | Full or partial height swing frame 180° hinged                                                           | Swing frame hinges 180°, <b>ESFH</b>                                                                                                                                                                       | 144                             |
| <b>SUPPORT</b>          | Swing frame chassis support                                                                              | Swing frame chassis support, <b>SFSU</b>                                                                                                                                                                   | 145                             |
| <b>DOOR STOP</b>        | Full or partial height swing frame door stop 130°                                                        | Swing frame door stop 130°, <b>ESFD130</b>                                                                                                                                                                 | 145                             |
|                         | Full or partial height swing frame door stop 180°                                                        | Swing frame door stop 180°, <b>ESFD180</b>                                                                                                                                                                 | 145                             |

Mild steel, compact enclosures

**MKS / MKD**

| Required accessories                                                                                                                                                                                       | Page                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| Swing frame transversal support bars, <b>ESFB</b> , in width                                                                                                                                               | <b>144</b>                                                         |
| <i>Not available</i>                                                                                                                                                                                       | <b>N/A</b>                                                         |
| Swing frame transversal support bars, <b>ESFB</b> , in width<br>Click-in profile in depth, <b>CLPK</b> (2 pcs)                                                                                             | <b>144</b><br><b>112</b>                                           |
| <i>Not available</i>                                                                                                                                                                                       | <b>N/A</b>                                                         |
| Swing frame transversal support bars, <b>ESFB</b> , in width<br>Depth dividing bars, <b>VBD</b><br>Fixing brackets, <b>VBK</b>                                                                             | <b>144</b><br><b>115</b><br><b>115</b>                             |
| Swing frame transversal support bars, <b>ESFB</b><br>Click-in profile in depth, <b>CLPK</b> (2 pcs)<br>Depth dividing bars, <b>VBD</b><br>Vertical dividing bars, <b>VB</b><br>Fixing brackets, <b>VBK</b> | <b>144</b><br><b>112</b><br><b>115</b><br><b>115</b><br><b>115</b> |
| <i>Additional accessories not required</i>                                                                                                                                                                 | <b>N/A</b>                                                         |
| Swing frame hinges 180°, <b>ESFH</b>                                                                                                                                                                       | <b>144</b>                                                         |
| Swing frame chassis support, <b>SFSU</b>                                                                                                                                                                   | <b>145</b>                                                         |
| Swing frame door stop 130°, <b>ESFD130</b>                                                                                                                                                                 | <b>145</b>                                                         |
| Swing frame hinges 180°, <b>ESFH</b>                                                                                                                                                                       | <b>144</b>                                                         |

Stainless steel, combinable enclosures

**MCSS / MCDS**

| Required accessories                                                                                                                                                                                       | Page                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| Swing frame transversal support bars, <b>ESFB</b> , in width                                                                                                                                               | <b>144</b>                                                         |
| Swing frame transversal support bars, <b>ESFB</b> , in depth                                                                                                                                               | <b>144</b>                                                         |
| Swing frame transversal support bars, <b>ESFB</b> , in width<br>Mounting profile in depth, <b>CLPF</b> (2 pcs)                                                                                             | <b>144</b><br><b>113</b>                                           |
| Swing frame transversal support bars, <b>ESFB</b> , in depth<br>Mounting profile in width, <b>CLPF</b> (2 pcs)                                                                                             | <b>144</b><br><b>113</b>                                           |
| Swing frame transversal support bars, <b>ESFB</b> , in width<br>Depth dividing bars, <b>VBD</b><br>Fixing brackets, <b>VBK</b>                                                                             | <b>144</b><br><b>115</b><br><b>115</b>                             |
| Swing frame transversal support bars, <b>ESFB</b><br>Mounting profile in depth, <b>CLPF</b> (2 pcs)<br>Depth dividing bars, <b>VBD</b><br>Vertical dividing bars, <b>VB</b><br>Fixing brackets, <b>VBK</b> | <b>144</b><br><b>113</b><br><b>115</b><br><b>115</b><br><b>115</b> |
| <i>Additional accessories not required</i>                                                                                                                                                                 | <b>N/A</b>                                                         |
| Swing frame hinges 180°, <b>ESFH</b>                                                                                                                                                                       | <b>144</b>                                                         |
| Swing frame chassis support, <b>SFSU</b>                                                                                                                                                                   | <b>145</b>                                                         |
| Swing frame door stop 130°, <b>ESFD130</b>                                                                                                                                                                 | <b>145</b>                                                         |
| Swing frame door stop 180°, <b>ESFD180</b>                                                                                                                                                                 | <b>145</b>                                                         |

Stainless steel, compact enclosures

**EKSS / EKDS**

| Required accessories                                                                                                                                                                                       | Page                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| Swing frame transversal support bars, <b>ESFB</b> , in width                                                                                                                                               | <b>144</b>                                                         |
| <i>Not available</i>                                                                                                                                                                                       | <b>N/A</b>                                                         |
| Swing frame transversal support bars, <b>ESFB</b> , in width<br>Click-in profile in depth, <b>CLPK</b> (2 pcs)                                                                                             | <b>144</b><br><b>112</b>                                           |
| <i>Not available</i>                                                                                                                                                                                       | <b>N/A</b>                                                         |
| <i>Not available</i>                                                                                                                                                                                       | <b>N/A</b>                                                         |
| Swing frame transversal support bars, <b>ESFB</b><br>Click-in profile in depth, <b>CLPK</b> (2 pcs)<br>Depth dividing bars, <b>VBD</b><br>Vertical dividing bars, <b>VB</b><br>Fixing brackets, <b>VBK</b> | <b>144</b><br><b>112</b><br><b>115</b><br><b>115</b><br><b>115</b> |
| <i>Additional accessories not required</i>                                                                                                                                                                 | <b>N/A</b>                                                         |
| Swing frame hinges 180°, <b>ESFH</b>                                                                                                                                                                       | <b>144</b>                                                         |
| Swing frame chassis support, <b>SFSU</b>                                                                                                                                                                   | <b>145</b>                                                         |
| Swing frame door stop 130°, <b>ESFD130</b>                                                                                                                                                                 | <b>145</b>                                                         |
| Swing frame door stop 180°, <b>ESFD180</b>                                                                                                                                                                 | <b>145</b>                                                         |

# Floor Standing Enclosures

## Steel Range

### Accessories | 19" mounting

#### Partial height swing frame, SFCP

Mild steel, combinable enclosures

#### MCS / MCD

|                 |                                                                                                                                  | Required accessories                                                                                                                                                          | Page                     |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>FIXATION</b> | Partial height swing frame, mounted in the front/rear and adjustable in height                                                   | Partial swing frame support bars, <b>SFBP</b> , in width                                                                                                                      | 147                      |
|                 | Partial height swing frame, mounted in the front/rear and adjustable in height and depth                                         | Partial swing frame support bars, <b>SFBP</b> , in width<br>Mounting profile in height, <b>CLPF</b> (2 pcs)                                                                   | 147<br>113               |
|                 | Partial height swing frame, mounted in the side and adjustable in height                                                         | Partial swing frame support bars, <b>SFBP</b> , in depth                                                                                                                      | 147                      |
|                 | Partial height swing frame, mounted in the side and adjustable in height and width                                               | Partial swing frame support bars, <b>SFBP</b> , in depth<br>Mounting profile in height, <b>CLPF</b> (2 pcs)                                                                   | 147<br>113               |
|                 | Partial height swing frame, mounted in the front/rear of an internally divided 1200/1600 width enclosure                         | Partial swing frame support bars, <b>SFBP</b> , in width<br>Depth dividing bars, <b>VBD</b><br>Vertical dividing bars, <b>VB</b><br>Fixing brackets, <b>VBK</b>               | 147<br>115<br>115<br>115 |
|                 | Partial height swing frame, mounted in the front/rear of an internally divided 1200/1600 width enclosure and adjustable in depth | Partial swing frame support bars, <b>SFBP</b> , in width<br>Mounting profile in height, <b>CLPF</b> (2 pcs)<br>Depth dividing bars, <b>VBD</b><br>Fixing brackets, <b>VBK</b> | 147<br>113<br>115<br>115 |
| <b>SUPPORT</b>  | Swing frame chassis support                                                                                                      | Swing frame chassis support, <b>SFSU</b>                                                                                                                                      | 145                      |

Mild steel, compact enclosures

Stainless steel, combinable enclosures

Stainless steel, compact enclosures

MKS / MKD

MCSS / MCDS

EKSS / EKDS

| Required accessories | Page | Required accessories                                                                                                                                                          | Page                     | Required accessories | Page |
|----------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------------------|------|
| Not available        | N/A  | Partial swing frame support bars, <b>SFBP</b> , in width                                                                                                                      | 147                      | Not available        | N/A  |
| Not available        | N/A  | Partial swing frame support bars, <b>SFBP</b> , in width<br>Mounting profile in height, <b>CLPF</b> (2 pcs)                                                                   | 147<br>113               | Not available        | N/A  |
| Not available        | N/A  | Partial swing frame support bars, <b>SFBP</b> , in depth                                                                                                                      | 147                      | Not available        | N/A  |
| Not available        | N/A  | Partial swing frame support bars, <b>SFBP</b> , in depth<br>Mounting profile in height, <b>CLPF</b> (2 pcs)                                                                   | 147<br>113               | Not available        | N/A  |
| Not available        | N/A  | Partial swing frame support bars, <b>SFBP</b> , in width<br>Depth dividing bars, <b>VBD</b><br>Vertical dividing bars, <b>VB</b><br>Fixing brackets, <b>VBK</b>               | 147<br>115<br>115<br>115 | Not available        | N/A  |
| Not available        | N/A  | Partial swing frame support bars, <b>SFBP</b> , in width<br>Mounting profile in height, <b>CLPF</b> (2 pcs)<br>Depth dividing bars, <b>VBD</b><br>Fixing brackets, <b>VBK</b> | 147<br>113<br>115<br>115 | Not available        | N/A  |
| Not available        | N/A  | Swing frame chassis support, <b>SFSU</b>                                                                                                                                      | 145                      | Not available        | N/A  |

# Floor Standing Enclosures

## Steel Range

### Accessories | 19" mounting

#### 19" mounting profiles

Mild steel, combinable enclosures

#### MCS / MCD

|                                                       |                                                                                                            | Required accessories                                                                                                                                      | Page              |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| <b>FIXATION IN THE FRONT OR REAR OF THE ENCLOSURE</b> | Front and side 19" profiles, centered fixing                                                               | 19" mounting profiles, <b>CIP</b><br>Horizontal profiles for centered fixation of 19" profiles, <b>CIB</b>                                                | 147<br>148        |
|                                                       | Side 19" profiles, centered fixing                                                                         | 19" mounting profiles, <b>CIPD</b><br>Horizontal profiles for centered fixation of 19" profiles, <b>CIB</b>                                               | 148<br>148        |
|                                                       | Front and side 19" profiles, asymmetric fixing                                                             | 19" mounting profiles, <b>CIP</b><br>Horizontal profiles for asymmetric fixation of 19" profiles, <b>CID</b>                                              | 147<br>148        |
|                                                       | Side 19" profiles, asymmetric fixing                                                                       | 19" mounting profiles, <b>CIPD</b><br>Horizontal profiles for asymmetric fixation of 19" profiles, <b>CID</b>                                             | 148<br>148        |
|                                                       | Partial front and side 19" profiles, depth adjustable in steps for 600 depth enclosures, centered fixing   | Partial 19" mounting profiles, <b>CIPP</b><br>Click-in profile in depth, <b>CLPK</b> (2 pcs)                                                              | 149<br>112        |
|                                                       | Partial front and side 19" profiles, depth adjustable in steps for 800 depth enclosures, centered fixing   | Partial 19" mounting profiles, <b>CIPP</b><br>Brackets for fixation of partial 19" profiles, <b>CIC</b><br>Click-in profile in depth, <b>CLPK</b> (2 pcs) | 149<br>149<br>112 |
|                                                       | Partial front and side 19" profiles, continuous depth adjustment for 800 width enclosures, centered fixing | Partial 19" mounting profiles, <b>CIPP</b><br>Width reducers, <b>CIWR</b>                                                                                 | 149<br>149        |



Mild steel, compact enclosures

**MKS / MKD**

| Required accessories                                                                                                                                      | Page                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| <i>Not available</i>                                                                                                                                      | <b>N/A</b>                             |
| <i>Not available</i>                                                                                                                                      | <b>N/A</b>                             |
| 19" mounting profiles, <b>CIP</b><br>Horizontal profiles for asymmetric fixation of 19" profiles, <b>CID</b>                                              | <b>147</b><br><b>148</b>               |
| 19" mounting profiles, <b>CIPD</b><br>Horizontal profiles for asymmetric fixation of 19" profiles, <b>CID</b>                                             | <b>148</b><br><b>148</b>               |
| Partial 19" mounting profiles, <b>CIPP</b><br>Click-in profile in depth, <b>CLPK</b> (2 pcs)                                                              | <b>149</b><br><b>112</b>               |
| Partial 19" mounting profiles, <b>CIPP</b><br>Brackets for fixation of partial 19" profiles, <b>CIC</b><br>Click-in profile in depth, <b>CLPK</b> (2 pcs) | <b>149</b><br><b>149</b><br><b>112</b> |
| Partial 19" mounting profiles, <b>CIPP</b><br>Width reducers, <b>CIWR</b>                                                                                 | <b>149</b><br><b>149</b>               |

Stainless steel, combinable enclosures

**MCSS / MCDS**

| Required accessories                                                                                                                                      | Page                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| 19" mounting profiles, <b>CIP</b><br>Horizontal profiles for centered fixation of 19" profiles, <b>CIB</b>                                                | <b>147</b><br><b>148</b>               |
| 19" mounting profiles, <b>CIPD</b><br>Horizontal profiles for centered fixation of 19" profiles, <b>CIB</b>                                               | <b>148</b><br><b>148</b>               |
| 19" mounting profiles, <b>CIP</b><br>Horizontal profiles for asymmetric fixation of 19" profiles, <b>CID</b>                                              | <b>148</b><br><b>148</b>               |
| 19" mounting profiles, <b>CIPD</b><br>Horizontal profiles for asymmetric fixation of 19" profiles, <b>CID</b>                                             | <b>148</b><br><b>148</b>               |
| Partial 19" mounting profiles, <b>CIPP</b><br>Click-in profile in depth, <b>CLPK</b> (2 pcs)                                                              | <b>149</b><br><b>112</b>               |
| Partial 19" mounting profiles, <b>CIPP</b><br>Brackets for fixation of partial 19" profiles, <b>CIC</b><br>Click-in profile in depth, <b>CLPK</b> (2 pcs) | <b>149</b><br><b>149</b><br><b>112</b> |
| Partial 19" mounting profiles, <b>CIPP</b><br>Width reducers, <b>CIWR</b>                                                                                 | <b>149</b><br><b>149</b>               |

Stainless steel, compact enclosures

**EKSS / EKDS**

| Required accessories                                                                                                                                      | Page                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| 19" mounting profiles, <b>CIP</b><br>Horizontal profiles for centered fixation of 19" profiles, <b>CIB</b>                                                | <b>147</b><br><b>148</b>               |
| 19" mounting profiles, <b>CIPD</b><br>Horizontal profiles for centered fixation of 19" profiles, <b>CIB</b>                                               | <b>148</b><br><b>148</b>               |
| 19" mounting profiles, <b>CIP</b><br>Horizontal profiles for asymmetric fixation of 19" profiles, <b>CID</b>                                              | <b>147</b><br><b>148</b>               |
| 19" mounting profiles, <b>CIPD</b><br>Horizontal profiles for asymmetric fixation of 19" profiles, <b>CID</b>                                             | <b>148</b><br><b>148</b>               |
| Partial 19" mounting profiles, <b>CIPP</b><br>Click-in profile in depth, <b>CLPK</b> (2 pcs)                                                              | <b>149</b><br><b>112</b>               |
| Partial 19" mounting profiles, <b>CIPP</b><br>Brackets for fixation of partial 19" profiles, <b>CIC</b><br>Click-in profile in depth, <b>CLPK</b> (2 pcs) | <b>149</b><br><b>149</b><br><b>112</b> |
| Partial 19" mounting profiles, <b>CIPP</b><br>Width reducers, <b>CIWR</b>                                                                                 | <b>149</b><br><b>149</b>               |

# Floor Standing Enclosures

## Steel Range

### Accessories | 19" mounting

#### 19" mounting profiles

Mild steel, combinable enclosures

#### MCS / MCD

|                                               |                                                                                                                   | Required accessories                                                                                                                                      | Page              |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| <b>FIXATION FOR THE SIDE OF THE ENCLOSURE</b> | <b>Front and side 19" profiles, centered fixing</b>                                                               | 19" mounting profiles, <b>CIP</b><br>Horizontal profiles for centered fixation of 19" profiles, <b>CIB</b>                                                | 147<br>148        |
|                                               | <b>Side 19" profiles, centered fixing</b>                                                                         | 19" mounting profiles, <b>CIPD</b><br>Horizontal profiles for centered fixation of 19" profiles, <b>CIB</b>                                               | 148<br>148        |
|                                               | <b>Front and side 19" profiles, asymmetric fixing</b>                                                             | 19" mounting profiles, <b>CIP</b><br>Horizontal profiles for asymmetric fixation of 19" profiles, <b>CID</b>                                              | 147<br>148        |
|                                               | <b>Side 19" profiles, asymmetric fixing</b>                                                                       | 19" mounting profiles, <b>CIPD</b><br>Horizontal profiles for asymmetric fixation of 19" profiles, <b>CID</b>                                             | 148<br>148        |
|                                               | <b>Partial front and side 19" profiles, depth adjustable in steps for 600 depth enclosures, centered fixing</b>   | Partial 19" mounting profiles, <b>CIPP</b><br>Brackets for fixation of partial 19" profiles, <b>CIC</b><br>Click-in profile in width, <b>CLPK</b> (2 pcs) | 149<br>149<br>112 |
|                                               | <b>Partial front and side 19" profiles, depth adjustable in steps for 800 depth enclosures, centered fixing</b>   | Partial 19" mounting profiles, <b>CIPP</b><br>Brackets for fixation of partial 19" profiles, <b>CIC</b><br>Click-in profile in width, <b>CLPK</b> (2 pcs) | 149<br>149<br>112 |
|                                               | <b>Partial front and side 19" profiles, continuous depth adjustment for 800 width enclosures, centered fixing</b> | Partial 19" mounting profiles, <b>CIPP</b><br>Width reducers, <b>CIWR</b>                                                                                 | 149<br>149        |
| <b>FRONT FRAME</b>                            | <b>Front frame to be used when a door is not required</b>                                                         | Front frame covers, <b>FFC</b>                                                                                                                            | 150               |

Mild steel, compact enclosures

Stainless steel, combinable enclosures

Stainless steel, compact enclosures

**MKS / MKD****MCSS / MCDS****EKSS / EKDS**

| Required accessories           | Page | Required accessories                                                                                                                                      | Page              | Required accessories | Page |
|--------------------------------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------|------|
| Not available                  | N/A  | 19" mounting profiles, <b>CIP</b><br>Horizontal profiles for centered fixation of 19" profiles, <b>CIB</b>                                                | 147<br>148        | Not available        | N/A  |
| Not available                  | N/A  | 19" mounting profiles, <b>CIPD</b><br>Horizontal profiles for centered fixation of 19" profiles, <b>CIB</b>                                               | 148<br>148        | Not available        | N/A  |
| Not available                  | N/A  | 19" mounting profiles, <b>CIP</b><br>Horizontal profiles for asymmetric fixation of 19" profiles, <b>CID</b>                                              | 147<br>148        | Not available        | N/A  |
| Not available                  | N/A  | 19" mounting profiles, <b>CIPD</b><br>Horizontal profiles for asymmetric fixation of 19" profiles, <b>CID</b>                                             | 148<br>148        | Not available        | N/A  |
| Not available                  | N/A  | Partial 19" mounting profiles, <b>CIPP</b><br>Brackets for fixation of partial 19" profiles, <b>CIC</b><br>Click-in profile in width, <b>CLPK</b> (2 pcs) | 149<br>149<br>112 | Not available        | N/A  |
| Not available                  | N/A  | Partial 19" mounting profiles, <b>CIPP</b><br>Brackets for fixation of partial 19" profiles, <b>CIC</b><br>Click-in profile in width, <b>CLPK</b> (2 pcs) | 149<br>149<br>112 | Not available        | N/A  |
| Not available                  | N/A  | Partial 19" mounting profiles, <b>CIPP</b><br>Width reducers, <b>CIWR</b>                                                                                 | 149<br>149        | Not available        | N/A  |
| Front frame covers, <b>FFC</b> | 150  | Not available                                                                                                                                             | N/A               | Not available        | N/A  |

# Floor Standing Enclosures

## Steel Range

### Accessories | 19" mounting

## Full Height Swing Frames, ESFC

- Description:

Full height swing frame for 19" components allowing left and right hand opening. Can be used in steel, combinable and compact enclosures. Hinges designed to give extra build-in depth. Adjustable top hinge for square mounting of the swing frame. Rigid W-shaped frame profile for heavy equipment. Zinc plated 19" vertical profiles for direct earthing of the mounted components. Standard equipped with 130° hinges (180° hinges not applicable for 600 mm wide enclosures). Can also be mounted on the side of 600 mm deep floor standing enclosures. For steel, combinable enclosures use transversal support bars ESFB in combination with VBD if required. Adjustable in depth by steps of 12.5 mm.
- Maximum load:

1800N, supplied with a self positioning device.
- Lock:

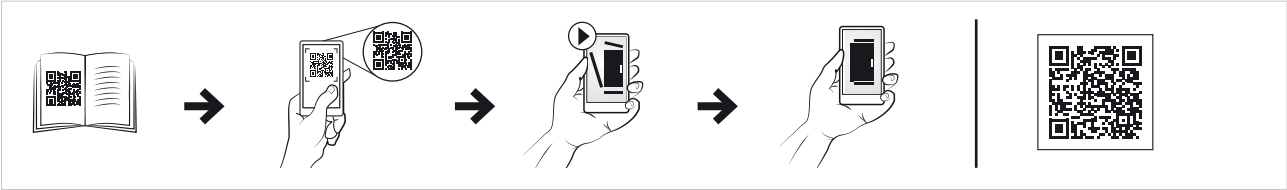
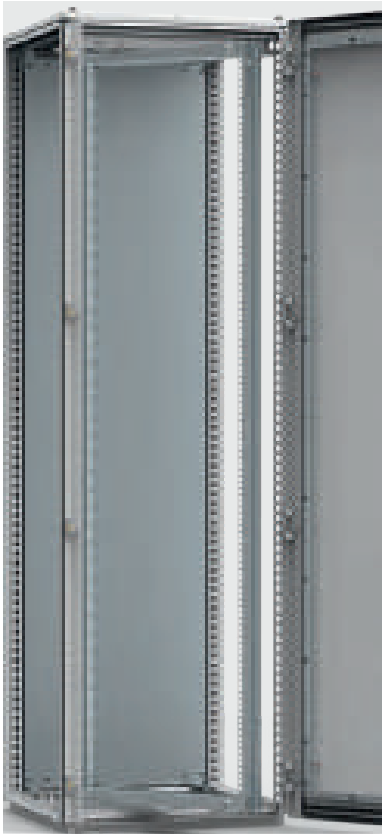
Two 3 mm double-bit locks.
- Material:

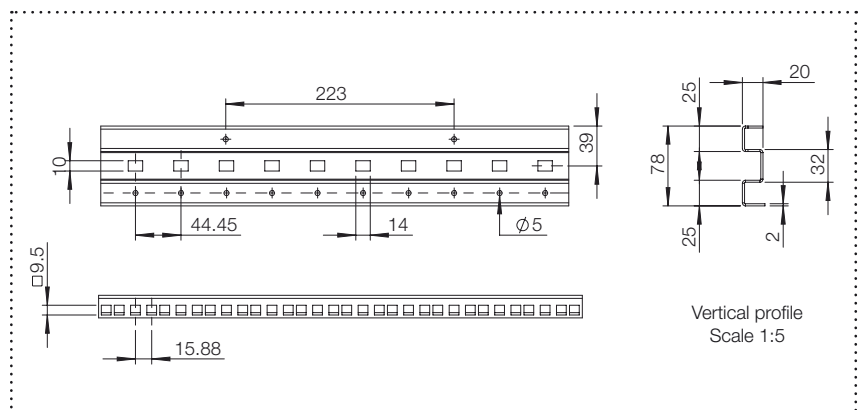
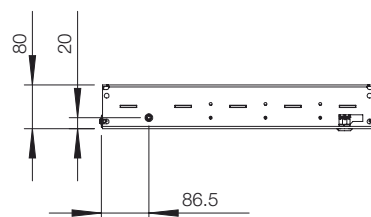
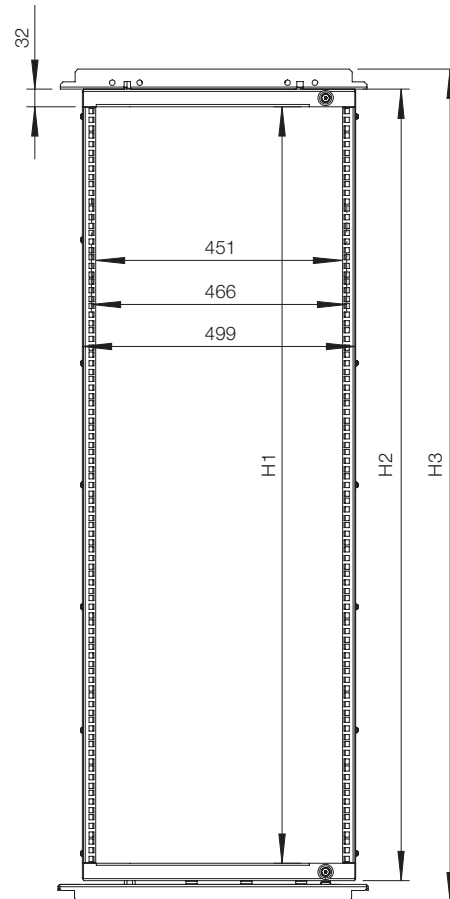
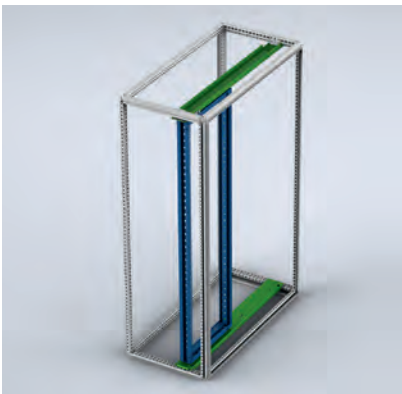
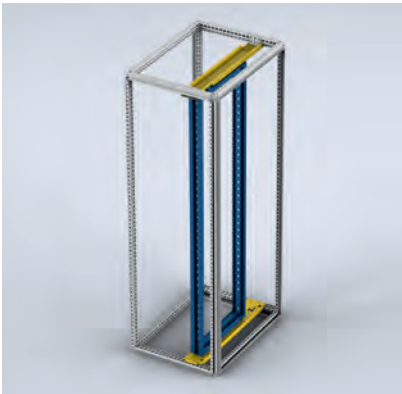
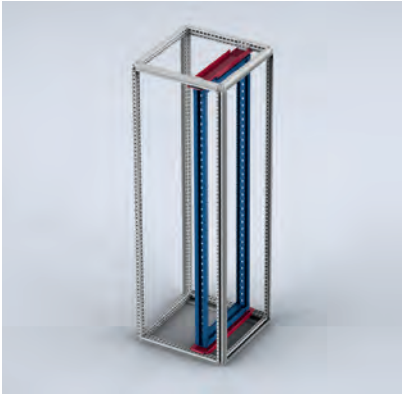
19" vertical profiles 2 mm zinc plated steel. Frame: vertical profiles 2 mm and horizontal profiles 3 mm.
- Pack quantity:

1 swing frame with hinges.
- Mounting requirements:

ESFC for 600 mm, 800 mm, 1000 mm, 1200 mm wide steel, combinable enclosures. Add ESFB for mounting in a steel, combinable enclosure.

| For enclosure |    |      |      |      |          |
|---------------|----|------|------|------|----------|
| H             | U  | H1   | H2   | H3   | Item no. |
| 1400          | 27 | 1203 | 1267 | 1337 | ESFC276  |
| 1600          | 31 | 1381 | 1445 | 1515 | ESFC316  |
| 1800          | 36 | 1603 | 1667 | 1737 | ESFC366  |
| 2000          | 40 | 1781 | 1845 | 1915 | ESFC406  |
| 2200          | 45 | 2003 | 2067 | 2137 | ESFC456  |





- Swing frame
- Support bars 600 wide
- Support bars 800/1000 wide
- Support bars 1200 wide
- Depth dividing bar

# Floor Standing Enclosures

## Steel Range

### Accessories | 19" mounting

## Swing Frame middle mounted, ESFM

- Description:

Full height swing frame for 19" components allowing left and right hand opening with grip over the full height. Can be used in steel, combinable and compact enclosures. Hinges designed to give extra build-in depth. Adjustable top hinge for square mounting of the swing frame. Rigid W-shaped frame profile for heavy equipment. Zinc plated 19" vertical profiles for direct earthing of the mounted components. Full access to the enclosure aperture can be acquired by the standard fitted 180° hinges. For mounting use transversal support bars ESFB. Depth support and easy cable routing is achieved with depth mounting plate SFMP. Adjustable in depth by steps of 12.5 mm.
- Maximum load:

1800 N, supplied with a self-positioning device.
- Lock:

Double-bit 3 mm espagnolette (other lock options possible).
- Material:

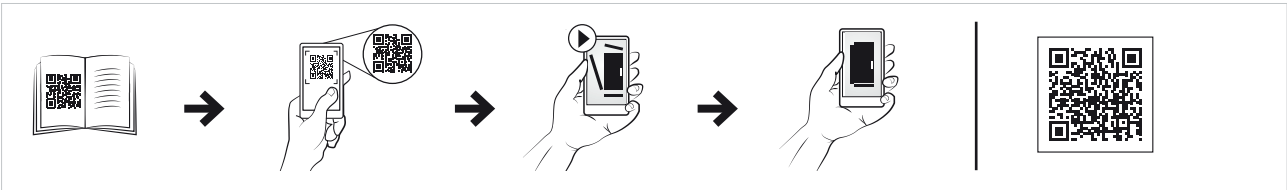
19" vertical profiles 2 mm zinc plated steel. Frame: vertical profiles 2 mm and horizontal profiles 3 mm.
- Finish:

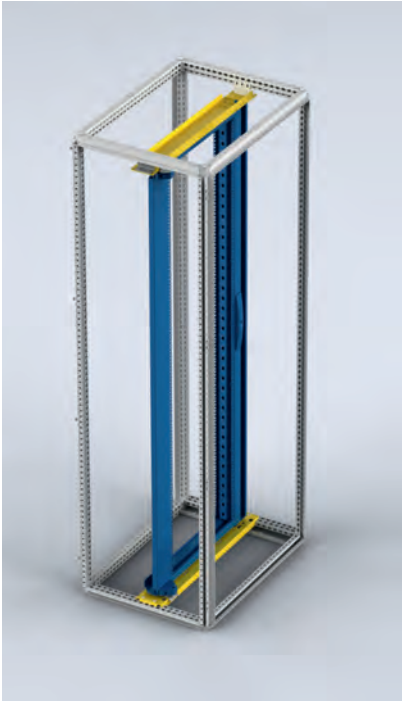
RAL 7035 structured powder coating.
- Pack quantity:

1 swing frame with 180° hinges.
- Mounting requirements:

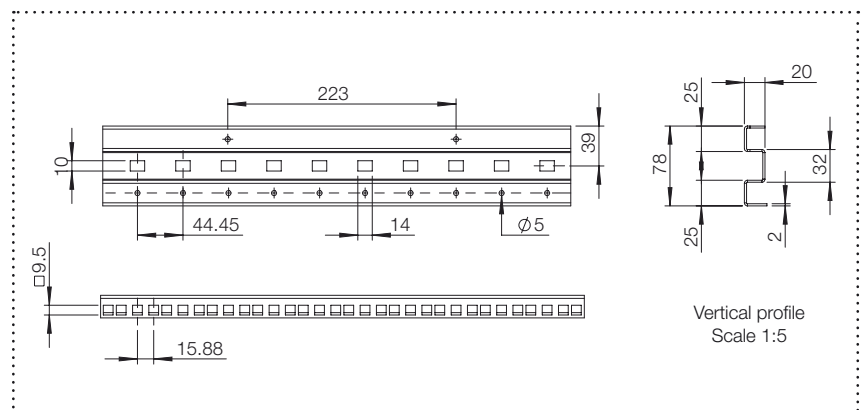
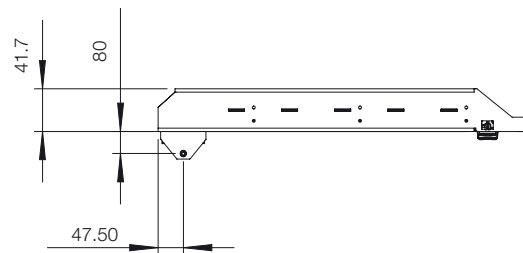
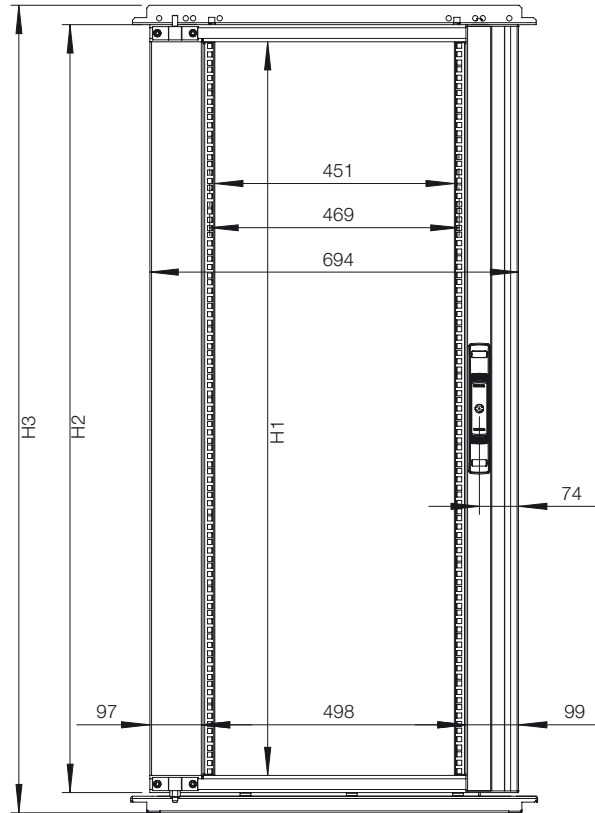
ESFM for 800 mm and 1000 mm wide steel, combinable enclosures. Add ESFB for mounting in a steel, combinable enclosure.

| For enclosure |    |      |      |      |          |
|---------------|----|------|------|------|----------|
| H             | U  | H1   | H2   | H3   | Item no. |
| 1400          | 27 | 1203 | 1267 | 1337 | ESFM278  |
| 1600          | 31 | 1381 | 1445 | 1515 | ESFM318  |
| 1800          | 36 | 1603 | 1667 | 1737 | ESFM368  |
| 2000          | 40 | 1781 | 1845 | 1915 | ESFM408  |
| 2200          | 45 | 2003 | 2067 | 2137 | ESFM458  |





■ Support bars 800/1000 wide





# Floor Standing Enclosures

## Steel Range

### Accessories | 19" mounting

## Swing Frame side mounted, ESFS

- Description:

Full height swing frame for 19" components allowing left and right hand opening with grip over the full height. Can be used in steel, combinable and compact enclosures. Hinges designed to give extra build-in depth. Adjustable top hinge for square mounting of the swing frame. Rigid W-shaped frame profile for heavy equipment. Zinc plated 19" vertical profiles for direct earthing of the mounted components. Standard equipped with 130° hinges. Full access to the enclosure's aperture can be acquired by use of 180° hinges ESFH180. For mounting use transversal support bars ESFB. Depth support and easy cable routing is achieved with depth mounting plate SFMP. Adjustable in depth by steps of 12.5 mm.
- Maximum load:

1800 N, supplied with a self-positioning device.
- Lock:

Double-bit 3 mm espagnolette (other lock options possible).
- Material:

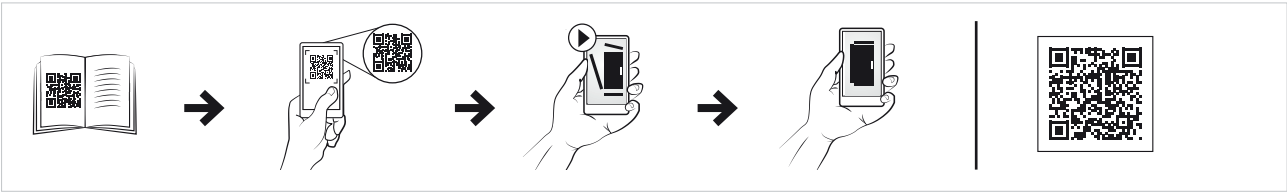
19" vertical profiles 2 mm zinc plated steel. Frame: vertical profiles 2 mm and horizontal profiles 3 mm.
- Finish:

RAL 7035 structured powder coating.
- Pack quantity:

1 swing frame with hinges.
- Mounting requirements:

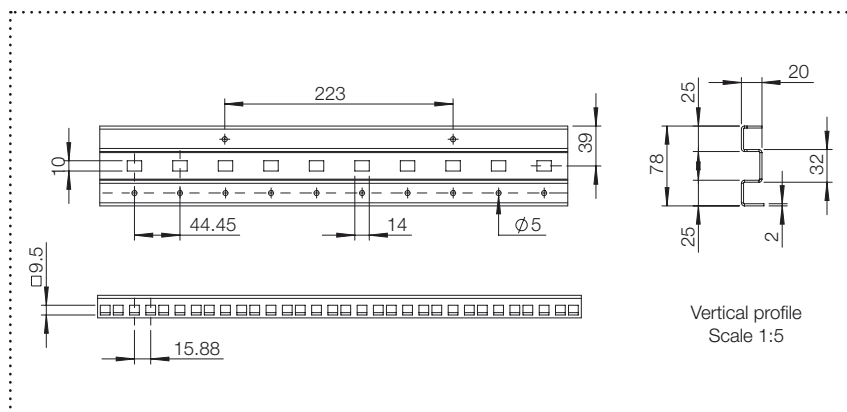
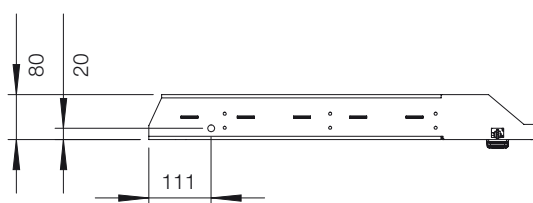
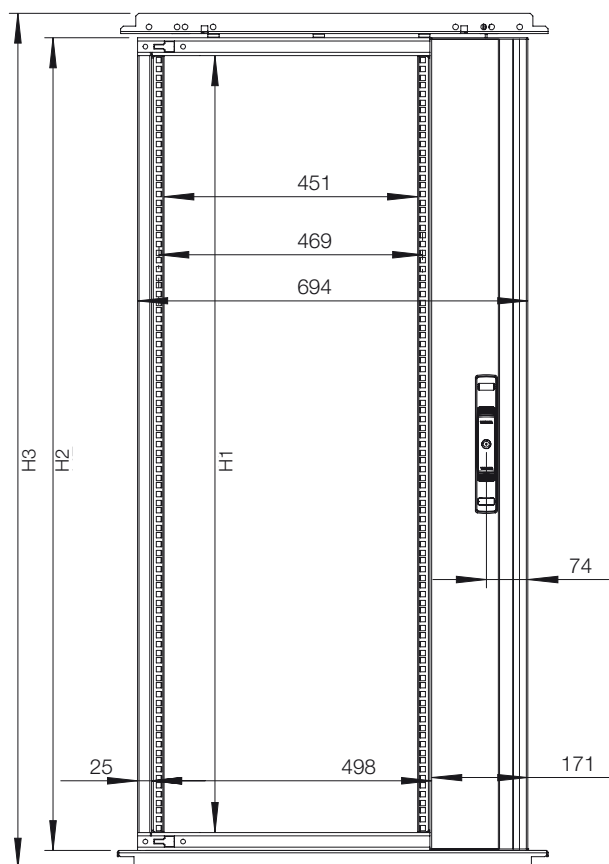
ESFS for 800 mm, 1000 mm wide steel, combinable enclosures. Add ESFB for mounting in a steel, combinable enclosure.

| For enclosure |    |      |      |      |          |
|---------------|----|------|------|------|----------|
| H             | U  | H1   | H2   | H3   | Item no. |
| 1400          | 27 | 1203 | 1267 | 1337 | ESFS278  |
| 1600          | 31 | 1381 | 1445 | 1515 | ESFS318  |
| 1800          | 36 | 1603 | 1667 | 1737 | ESFS368  |
| 2000          | 40 | 1781 | 1845 | 1915 | ESFS408  |
| 2200          | 45 | 2003 | 2067 | 2137 | ESFS458  |





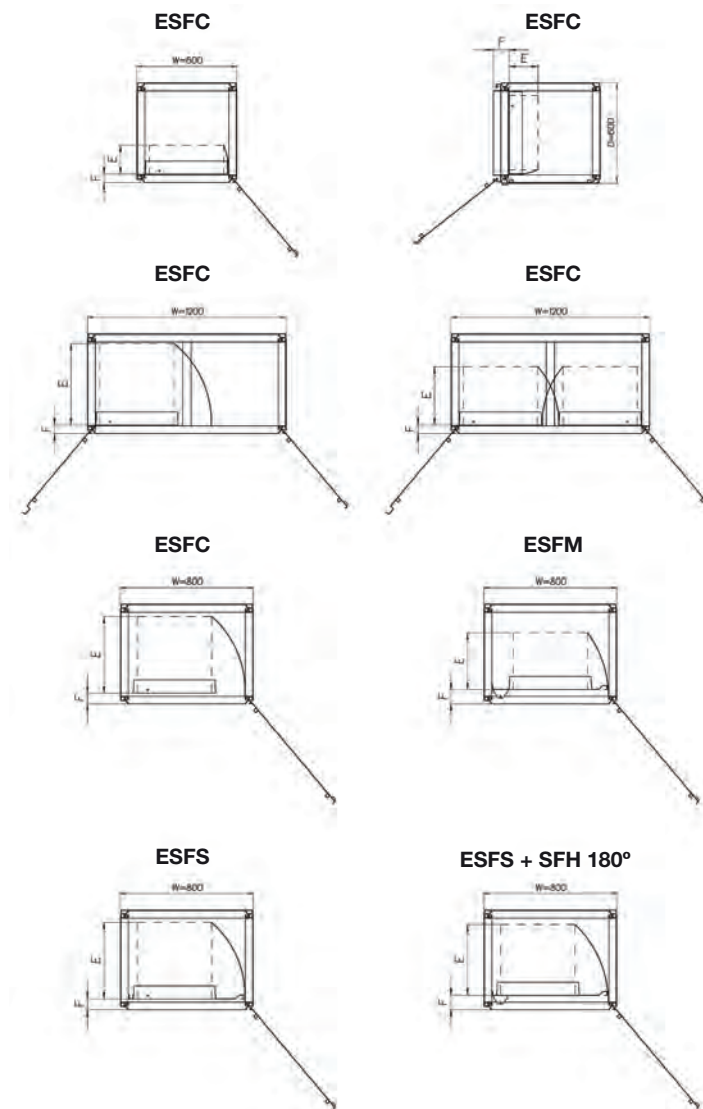
■ Support bars 800/1000 wide



# Floor Standing Enclosures

## Steel Range

### Accessories | 19" mounting



Maximum build-in depth - E

| Depth | ESFC | ESFC in 800W | 1xESFC in 1200W | 2xESFC in 1200W | ESFS | ESFS+SFH 180 | ESFM |
|-------|------|--------------|-----------------|-----------------|------|--------------|------|
| 400   | 175  | 280          | 295             | 295             | 280  | 260          | 260  |
| 500   | 175  | 380          | 395             | 355             | 380  | 360          | 345  |
| 600   | 175  | 465          | 495             | 355             | 465  | 430          | 345  |
| 800   | 175  | 465          | 395             | 355             | 465  | 430          | 345  |
| F     | 51   | 51           | 51              | 51              | 65   | 86           | 86   |

ESFC can also be mounted inside of a 600 deep enclosure in combination with a side door (DS).

Maximum build-in depth - E E=175, F=96.

Maximum opening angle

| Item No       | Opening angle degrees icw. | Opening angle degrees icw. |
|---------------|----------------------------|----------------------------|
| ESFC          | 125                        | 125                        |
| ESFC interior | 120                        | 120                        |
| ESFM + ESFH   | 120                        | 155                        |
| ESFS interior | 120                        | 130                        |
| ESFS + SFH    | 180                        | 155                        |

Maximum support per hinge type

| Item No     | Opening angle degrees icw. | Max. loading (kg) |
|-------------|----------------------------|-------------------|
| ESFC        | 125                        | 150               |
| ESFC        | 120                        | 150               |
| ESFM + ESFH | 180                        | 120               |
| ESFS + ESFH | 180                        | 120               |
| ESFS + SFH  | 180                        | 120               |

## Partial height, Top mounting

## Partial height, Middle mounting

## Partial height, Bottom mounting

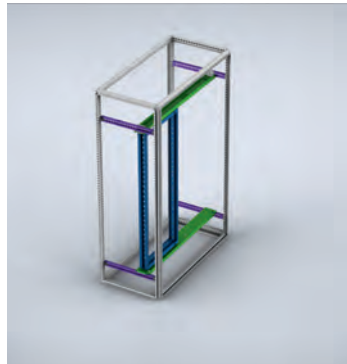
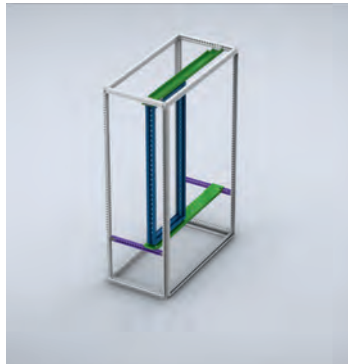
ESFC  
Width: 600 mm



ESFC  
Width: 800-1000 mm



ESFC  
Width: 1200 mm



ESFM / ESFS  
Width: 800-1000 mm



■ Swing frame    
 ■ Support bars 600 wide    
 ■ Support bars 800/1000 wide    
 ■ Support bars 1200 wide    
 ■ Mounting profile

# Floor Standing Enclosures

## Steel Range

### Accessories | 19" mounting

#### Swing Frame transversal support bars, ESFB

- Description:** For full height mounting of swing frames in steel, combinable and compact enclosures. When partial height mounting is required use the ESFB in combination with CLPK or CLPF. The swing frames can be mounted both left and right hand opening. One man installation with integrated safety catch which holds the swing frame in the mounting position (130° hinge). Pre-punched holes for mounting a door switch (DSW01) is provided in the top swing frame support with W>600mm and with ESFS or ESFM swing frames.
- Material:** 3 mm zinc plated steel.
- Mounting requirements:** Support bars (ESFB) 600 mm wide can also be mounted directly into a 1200 mm wide enclosure by means of a VBD. Support bars (ESFB) 800 mm wide can also be mounted directly in 1600 mm wide enclosures.
- Pack quantity:** One complete kit for a swing frame.

| For enclosure |          |
|---------------|----------|
| W             | Item no. |
| 600           | ESFB06   |
| 800           | ESFB08   |
| 1000          | ESFB10   |
| 1200          | ESFB12   |

To mount 2 x ESFC swing frames, an additional mounting kit ESFB12XKIT is required.



#### Swing Frame hinges 180°, ESFH

- Description:** Allows the swing frame to be opened up to 180°. Adjustable top hinge for square mounting of the swing frame. Smart hinge point position giving maximum build-in depth.
- Material:** Zinc plated steel.
- Pack quantity:** 1 set.
- Mounting requirements:** To be used in combination with ESFS mounted in 800 mm, 1000 mm and 1200 mm wide enclosures.

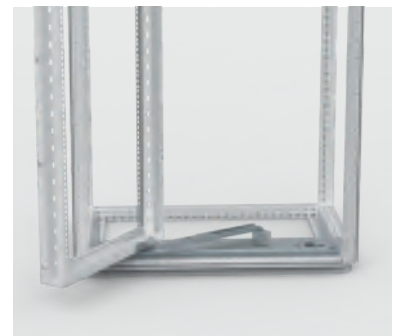
| Item no. |
|----------|
| ESFH180  |



#### Swing frame door stop, ESFD

- Description:** To enable locking of the swing frame in the open position. Mounted directly onto the swing frame and support bars. The door stop can be easily disconnected to provide full opening of the swing frame.
- Material:** Zinc plated steel.
- Pack quantity:** 1 piece with mounting accessories.

| Opening degree | Item no. |
|----------------|----------|
| 130°           | ESFD130  |
| 180°           | ESFD180  |



## Transport bracket for swing frame, ESFT

**Description:** To block swing frame in a closed position during transportation.

**Pack quantity:** 1 piece with mounting accessories.

| Description         | Item no. |
|---------------------|----------|
| Swing frame stopper | ESFT01   |



## Swing Frame mounting plates, SFMP

**Description:** Full height mounting plate for easy cable routing and to support heavy equipment. Fits with ESFC, ESFS, ESFM Swing frames. Suitable for enclosures > 600 mm. Can be fitted with chassis support (SFSU) or DIN rails (PP).

**Material:** 2 mm zinc plated steel.

**Pack quantity:** 2 mounting plates with mounting accessories.

| For enclosure |          |
|---------------|----------|
| H             | Item no. |
| 1400          | SFMP14   |
| 1600          | SFMP16   |
| 1800          | SFMP18   |
| 2000          | SFMP20   |
| 2200          | SFMP22   |



## Swing Frame chassis support, SFSU

**Description:** To add in-depth support and relieve pressure on heavy chassis applications.

**Material:** 2 mm zinc plated steel.

**Pack quantity:** 1 pair with mounting accessories.

**Mounting requirements:** For full height swing frames the SFMP can be added for more in-depth support and easy cable routing. Mounted directly to the back of the swing frame or to the Swing Frame mounting plate SFMP.

| Item no. |
|----------|
| SFSU02   |





# Floor Standing Enclosures

## Steel Range

### Accessories | 19" mounting

#### Partial height swing frames, SFCP

- Description:** Partial height swing frame for 19"-components allowing left or right hand opening. Can be used in wall mounted, steel enclosures, and floor standing, combinable and compact, steel enclosures. Rigid S-shaped frame profile equipped with 19" hole pattern in front and back. Zinc plated frame for direct earthing of the mounted components. Standard opening angle 125°-155°. Mounting in wall mounted, steel enclosures requires the SFBP transversal support in combination with the AVB. Mounting in floor standing steel combinable enclosures requires the SFBP transversal support.
- Lock:** 1 double-bit 3 mm lock.
- Material:** 2 mm zinc plated steel.
- Pack quantity:** 1 swing frame with hinges.
- Mounting requirements:** Mounting in wall mounted, steel enclosures requires the SFBP transversal support in combination with the AVB. Mounting in floor standing steel combinable enclosures requires the SFBP transversal support. Adjustable in depth in combination with CLPK profiles.

| For enclosure |    |              |          |
|---------------|----|--------------|----------|
| H             | U  | Max. loading | Item no. |
| 600           | 3  | 150 N        | SFCP036  |
| 600           | 6  | 300 N        | SFCP066  |
| 600           | 10 | 500 N        | SFCP106  |
| 800           | 12 | 500 N        | SFCP126  |
| 800           | 15 | 500 N        | SFCP156  |
| 1000          | 19 | 500 N        | SFCP196  |
| 1200          | 24 | 500 N        | SFCP246  |



#### Partial SF transversal brackets, SFBP

- Description:** Enables partial height swing frames to be mounted in floor standing, combinable and compact, steel enclosures enclosures with full access to the enclosure's aperture. The swing frame can be mounted to allow both left and right hand opening.
- Material:** 3 mm zinc plated steel.
- Pack quantity:** 1 complete kit for one swing frame.
- Mounting requirements:** The SFBP can be used in double door enclosures by means of the VB/ CDV divider profile. For depth adjustment use CLPK profiles

| Item no. |
|----------|
| SFBP03   |





## Partial SF transversal support bars, SFBP

|                               |                                                                                                                                                                                                                                 |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | Enables partial height swing frames to be mounted in wall mounted, steel enclosures, and floor standing, combinable, steel enclosures. The swing frames can be mounted to allow both left and right hand opening.               |
| <b>Material:</b>              | 3 mm zinc plated steel.                                                                                                                                                                                                         |
| <b>Pack quantity:</b>         | 1 complete kit including mounting brackets for one swing frame.                                                                                                                                                                 |
| <b>Mounting requirements:</b> | For wall mounted, steel enclosures, use in combination with the AVB profiles. For floor standing enclosures, it can be mounted directly to the enclosure frame or adjustable in depth, in steps of 25 mm, by means of the CLPK. |

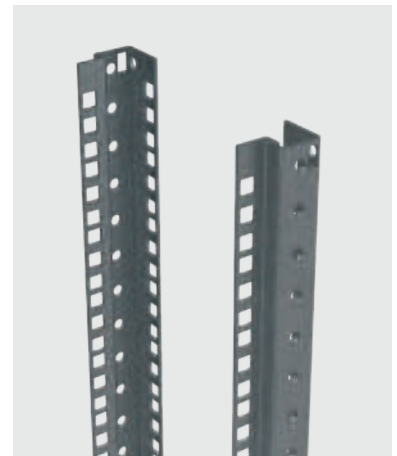
| For enclosure |  |          |
|---------------|--|----------|
| W             |  | Item no. |
| 600           |  | SFBP600  |
| 800           |  | SFBP800  |



## 19" Mounting profiles, CIP

|                               |                                                                                                                        |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | Full height mounting profiles to achieve 482.6 mm (19") mounting requirements on all sides. Fully adjustable in depth. |
| <b>Material:</b>              | 2 mm zinc plated steel.                                                                                                |
| <b>Pack quantity:</b>         | 1 pair.                                                                                                                |
| <b>Mounting requirements:</b> | To be used in conjunction with CIB or CID profiles. For partial height mounting the CIWR is required.                  |

| For enclosure |    |          |
|---------------|----|----------|
| H             | U  | Item no. |
| 1000          | 20 | CIP20    |
| 1100          | 22 | CIP22    |
| 1200          | 24 | CIP24    |
| 1400          | 29 | CIP29    |
| 1600          | 33 | CIP33    |
| 1800          | 38 | CIP38    |
| 2000          | 42 | CIP42    |
| 2200          | 47 | CIP47    |



# Floor Standing Enclosures

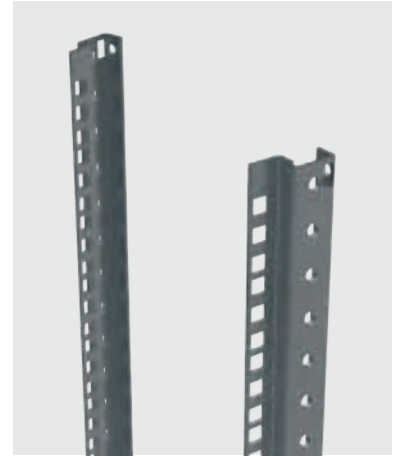
## Steel Range

### Accessories | 19" mounting

#### 19" Mounting profiles, CIPD

|                               |                                                                                                       |
|-------------------------------|-------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | Side universal 19" punching. For additional internal support.                                         |
| <b>Material:</b>              | 2 mm zinc plated steel.                                                                               |
| <b>Pack quantity:</b>         | 1 pair.                                                                                               |
| <b>Mounting requirements:</b> | To be used in conjunction with CIB or CID profiles. For partial height mounting the CIWR is required. |

| For enclosure |    |          |
|---------------|----|----------|
| H             | U  | Item no. |
| 1600          | 33 | CIPD33   |
| 1800          | 38 | CIPD38   |
| 2000          | 42 | CIPD42   |
| 2200          | 47 | CIPD47   |



#### Profiles for 19" profiles fixing, CIB

|                       |                                                                                                             |
|-----------------------|-------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | For fitting 19" vertical profiles CIP/CIPD in 600 mm and 800 mm wide enclosures. Fully adjustable in depth. |
| <b>Material:</b>      | 3 mm zinc plated steel.                                                                                     |
| <b>Pack quantity:</b> | 2 profiles with mounting accessories.                                                                       |

| For enclosure |  |          |
|---------------|--|----------|
| W             |  | Item no. |
| 600           |  | CIB600   |
| 800           |  | CIB800   |



#### Profiles for 19" profiles asymmetric fixing, CID

|                       |                                                                                                                                                                                    |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | For fitting asymmetric 19" mounting profiles CIP/CIPD in 800 mm or wider enclosures. Fully adjustable in depth. Especially suited when heavier (active) components will be fitted. |
| <b>Material:</b>      | 3 mm zinc plated steel.                                                                                                                                                            |
| <b>Pack quantity:</b> | 4 profiles with mounting accessories.                                                                                                                                              |

| For enclosure |     |          |
|---------------|-----|----------|
| W             | D   | Item no. |
| 800/1000      | 600 | CID600   |
| 800/1000      | 800 | CID800   |



## 19" partial height mounting profiles, CIPP

|                               |                                                                                                                                                                            |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | Partial height 19" vertical profiles to achieve 482.6 mm (19") mounting requirements on all sides. Adjustable in depth in steps of 25 mm using the CLPK click-in profiles. |
| <b>Material:</b>              | 2 mm zinc plated steel.                                                                                                                                                    |
| <b>Pack quantity:</b>         | 2 pieces with mounting accessories.                                                                                                                                        |
| <b>Mounting requirements:</b> | To be used with brackets CIC in 800 mm wide enclosures.                                                                                                                    |

| U  | Item no. |
|----|----------|
| 6  | CIPP06   |
| 9  | CIPP09   |
| 10 | CIPP10   |
| 11 | CIPP11   |
| 13 | CIPP13   |
| 15 | CIPP15   |
| 18 | CIPP18   |



## Brackets for 19" partial height mounting profiles, CIC

|                       |                                                                                                                                             |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | For fixing 19" vertical profiles CIPP in 800 mm wide enclosures. Adjustable in depth in steps of 25 mm by using the CLPK click-in profiles. |
| <b>Material:</b>      | 3 mm zinc plated steel.                                                                                                                     |
| <b>Pack quantity:</b> | 4 brackets with mounting accessories.                                                                                                       |

| Item no. |
|----------|
| CIC04    |



## 19" Width reducers, CIWR

|                       |                                                                                                                                                    |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | Used to obtain 19" mounting facilities in 800 mm wide enclosures. Allows the mounting of CIP/CIPP profiles on partial or full height at any depth. |
| <b>Material:</b>      | 2 mm zinc plated steel.                                                                                                                            |
| <b>Maximum load:</b>  | Maximum supported weight is 5000N on 2 pair of CIWR and 8000N on 3 pair of CIWR.                                                                   |
| <b>Pack quantity:</b> | 1 pair with mounting accessories.                                                                                                                  |

| For enclosure |     | Mounting plate dimensions | Item no. |
|---------------|-----|---------------------------|----------|
| W             | D   | w                         |          |
| 800           | 600 | 19"                       | CIWR8196 |
| 800           | 800 | 19"                       | CIWR8198 |



# Floor Standing Enclosures

## Steel Range

### Accessories | 19" mounting

#### Front frame cover, FFC

- Description:** To cover the framework around the door aperture on 600 mm wide data-telecom enclosures, when a door is not fitted.
- Material:** 1.75 mm steel plate.
- Finish:** RAL 7035 structured powder coating.
- Pack quantity:** 1 set with mounting accessories.

| Enclosure dimensions |     |          |           |
|----------------------|-----|----------|-----------|
| H                    | W   | Height U | Item no.  |
| 2000                 | 600 | 42       | FFC2006R5 |



#### Front Phillips screws, CHS

- Description:** For the mounting of front closing panels (PAC/PAL) or shelves on to the 19" profiles. To be used in combination with plastic washer PW6.
- Length:** 16 mm.
- Pack quantity:** 50 pieces.

| Thread | Item no. |
|--------|----------|
| M6     | CHS616   |



#### Plastic washers, PW

- Description:** Plastic washer for the M6 front Phillips screws (CHS). To prevent damaging the front of the patch panels.
- Pack quantity:** 50 pieces.

| Item no. |
|----------|
| PW6      |

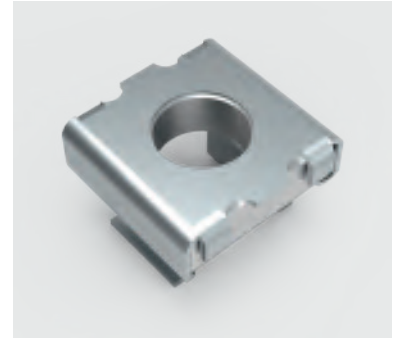


## Cage nuts, CN

**Description:** For 2 mm steel thickness.

**Pack quantity:** 50 pieces.

| Thread | Item no. |
|--------|----------|
| M6     | CN6      |



## Friction slide, L

**Description:** To support heavy components which are only fitted to the front. Mounted between two 19" profiles. Version fixed with 2 screws per profile, and version with click-in fixation.

**Material:** Click-in version 1.5 mm and mounted version 3 mm zinc plated steel.

**Pack quantity:** 1 pair with fixing material.

| Length | Type     | Max. loading | Item no. |
|--------|----------|--------------|----------|
| 279    | screwed  | 980 N        | L279     |
| 406    | screwed  | 980 N        | L406     |
| 406    | click-in | 490 N        | L406C    |
| 470    | screwed  | 980 N        | L470     |
| 470    | click-in | 490 N        | L470C    |
| 597    | screwed  | 980 N        | L597     |
| 700    | screwed  | 980 N        | L700     |



## Front fixation 19" shelf, MTR

**Description:** For front mounting. The tray can be adjusted towards front or rear. Ventilation openings.

**Additional information:** Can be used with swing frames.

**Material:** 1.5 mm steel.

**Finish:** RAL 7035.

**Pack quantity:** 1 complete kit with mounting material.

| W   | D   | U | Max. loading | Item no. |
|-----|-----|---|--------------|----------|
| 19" | 250 | 2 | 150N         | MTR1279  |
| 19" | 400 | 2 | 150N         | MTR1406  |
| 19" | 500 | 2 | 150N         | MTR1470  |



# Floor Standing Enclosures

## Steel Range

### Accessories | 19" mounting

#### 19" shelf, VSF

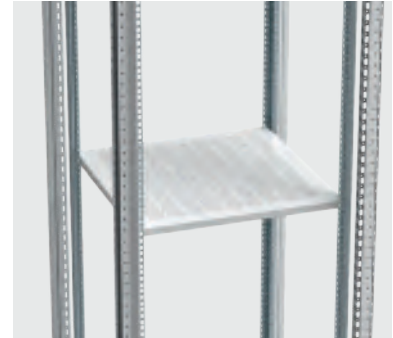
**Description:** Maximum loading capacity when mounted directly onto the 19" profiles, front and rear. Ventilation openings.

**Material:** 1.5 mm steel.

**Finish:** RAL 7035.

**Pack quantity:** 1 shelf with mounting material.

| For enclosure |     |              |          |
|---------------|-----|--------------|----------|
| W             | D   | Max. loading | Item no. |
| 19"           | 404 | 1200 N       | VSF1406  |
| 19"           | 468 | 1200 N       | VSF1470  |
| 19"           | 595 | 1200 N       | VSF1597  |



#### 19" telescopic shelf, VTS

**Description:** Mounted directly onto the 19" profiles, front and rear, 1U high. Ventilation openings.

**Material:** 1 mm steel.

**Finish:** RAL 7035.

**Pack quantity:** 1 shelf and 2 quick mounting 3-member slides, front handle and mounting material.

| For enclosure |     |              |          |
|---------------|-----|--------------|----------|
| W             | D   | Max. loading | Item no. |
| 19"           | 500 | 500 N        | VTS1470  |
| 19"           | 600 | 500 N        | VTS1597  |



#### 1U Keyboard tray, DKB

**Description:** For the installation of narrow 19" wide keyboard for PC, server or control system. Mounted directly to existing 19-Inch profiles in front and rear.

**Material:** 1.25 mm steel.

**Finish:** RAL 7035.

**Pack quantity:** 1 keyboard tray with telescopic rails and fixing accessories.

| H  | W   | D   | U | Item no. |
|----|-----|-----|---|----------|
| 32 | 406 | 182 | 1 | DKB02    |



## Power distribution box, PWB

|                       |                                                                                                                                                                                                                                                                                                              |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | For circuit breakers, switches or sockets installed in racks. Opening for up to 22 modules (18 mm). DIN rail adjustable in depth by 15 mm. Box is equipped with two earthing rails 10 x 8 mm. Length is 120 mm with 15x M5 connections each. Cable entrance in the rear 400 x 35 mm fitted with cable brush. |
| <b>Material:</b>      | 1.5 mm steel plate.                                                                                                                                                                                                                                                                                          |
| <b>Finish:</b>        | RAL 7035.                                                                                                                                                                                                                                                                                                    |
| <b>Pack quantity:</b> | 1 piece.                                                                                                                                                                                                                                                                                                     |

| Height U | D       | Item no. |
|----------|---------|----------|
| 3        | 135-150 | PWB03    |



## Painted steel front panels, PAC

|                       |                        |
|-----------------------|------------------------|
| <b>Description:</b>   | Plain 19" front panel. |
| <b>Material:</b>      | 3 mm steel.            |
| <b>Finish:</b>        | RAL 7035.              |
| <b>Pack quantity:</b> | 1 piece.               |

| Height U | W   | h      | Item no. |
|----------|-----|--------|----------|
| 1        | 19" | 44.45  | PAC01    |
| 2        | 19" | 88.90  | PAC02    |
| 3        | 19" | 133.35 | PAC03    |
| 4        | 19" | 177.80 | PAC04    |
| 6        | 19" | 266.70 | PAC06    |



## Ventilated front panels, PACV

|                       |                             |
|-----------------------|-----------------------------|
| <b>Description:</b>   | Ventilated 19" front panel. |
| <b>Material:</b>      | 3 mm steel.                 |
| <b>Finish:</b>        | RAL 7035.                   |
| <b>Pack quantity:</b> | 1 piece.                    |

| Height U | W   | h     | Item no. |
|----------|-----|-------|----------|
| 1        | 19" | 44.45 | PACV01   |





# Floor Standing Enclosures

## Steel Range

### Accessories | 19" mounting

#### Patch panels, PAP

**Description:** For cable entry, with edge protection or for connectors RJ45. A 20 mm band on one side is left unpainted on the rear side for optimal earthing with the 19" profile.

**Material:** 1.5 mm galvanized steel.

**Finish:** RAL 7035.

**Pack quantity:** 1 piece.

| N° of cut outs | Height U | Usage       | Item no. |
|----------------|----------|-------------|----------|
| 1              | 1        | Cable entry | PAP01CE  |

Other cut-outs and special patch panels are available on request.



#### 19" Power Distribution Unit, HPDS

**Description:** With or without ON/OFF switch. Including 2 m cable with right angle plug. 19" assembly brackets can be turned by 90°. Outlets 35° turned.

**Material:** Aluminium extrusion, anodized. Outlets polyamide 6.6, RAL 7035. Nickel plated earth contacts.

**Cable with angle plug:** 2 m x 1.5 mm², Schuko.

**Rated power:** 16 A / 3600 W.

**Earthing:** Double earthing.

**Delivery:** 1 complete PDU with power cable and 19" assembly brackets and fixing kit.

| Outlets                 | Illuminated ON/OFF switch | Over voltage protection | Filters | Item no.   |
|-------------------------|---------------------------|-------------------------|---------|------------|
| Schuko 9 x 250 V / 16 A | No                        | No                      | No      | HPDS119009 |
| Schuko 8 x 250 V / 16 A | Yes                       | No                      | No      | HPDS119108 |

HPDS 119009 (height units); 119009 (with 19"); 119009 (0=no switch, 1=switch 2=over-voltage protection); 119009 (no. of outlet). Note: UK supplies UK sockets.



## Ventilation modules with thermostat, UVT

### Description:

Ventilation shelf with controller that regulates the temperature and air flow inside the racks. The unit consists of a fan controller and 2 or 4 fans inside a one unit shelf. The electronic sensor can be attached where the temperature is most critical (hot spot), close to your most expensive equipment, to ensure the correct temperature and air flow. The current temperature is displayed on the front of the unit, where it is possible to see preset values and intervals. The presence of an automatic control allows the system to switch on the ventilation only when the temperature goes beyond the operator preset value. Thereby the equipment gets less dusty and the energy consumption is reduced as well as the sound level. In other words the ventilation system saves energy, but also prolongs the life of the ventilators, which are operating only when needed. Fully wired and ready to connect.



**Voltage:** 200-235 V.

**Alternating current frequency:** 50~60 Hz.

**Power of the fan:** 22 Watt.

**Consumption current:** 0.28A / 0.56A.

**Air circulation:** 4.4 / 8.8 m³/min.

**Measurement limits:** -50 °C ... +125 °C.

**Measurement accuracy:** +/-0.5°C.

**Working temperature:** 0...+50°C.

**Relative air humidity (air temp. +35C):** 80%.

**Noise level:** 35 decibel.

**Lifetime:** 30.000 hours.

**Approvals:** UL, CSA, VDE, TUV.

**Switch:** No.

**Thermostat:** Yes.

**Pack quantity:** 1 unit including power cable (1.5 m) with Shuko plug and sensor cable (1.2 m). Version with 4 fans is supplied with a depth fixing bracket.

| Description | U | Internal depth | Item no. |
|-------------|---|----------------|----------|
| 2 fans      | 1 | 255            | UVT2552  |
| 4 fans      | 1 | 455 - 670 max  | UVT4554  |

24V DC and 115V available on request.

# Floor Standing Enclosures

## Steel Range

### Accessories | 19" mounting

#### Cable tray, DCT

**Description:** Cable tray with punching for cable management in the side of the enclosure. Length 1.9 m.

**Material:** 1.5 mm zinc plated steel.

**Mounting requirements:** DCT cable trays are to be mounted on CLPK or CLPF profiles.

**Pack quantity:** 1 piece.

| H    | W   | Item no. |
|------|-----|----------|
| 1880 | 200 | DCT200   |



#### Cable tray, CTN

**Description:** Mesh cable tray providing fast and flexible routing of cables in the enclosure. Cables can enter into the tray from all sides. The tray can be cut to required length. Easy and quick fixing with the CTC clamps.

**Material:** Steel wire, zinc plated.

**Additional information:** CTN cable trays are to be mounted on CLPK or CLPF profiles.

**Pack quantity:** 1 piece.

| H    | W   | For enclosure |          |
|------|-----|---------------|----------|
|      |     | D             | Item no. |
| 3000 | 100 | 54            | CTN30105 |
| 3000 | 200 | 54            | CTN30205 |



#### Cable tray clamps, CTC

**Description:** Kit of fixing clamps for the mesh cable tray CTN. Provides a quick and heavy duty fixing for the cable tray and ensures 100% safety for the cables.

**Material:** Zinc plated steel.

**Pack quantity:** 1 kit with 50 clamps and screws.

| Item no. |
|----------|
| CTC50    |



# Floor Standing Enclosures

## Steel Range

### Accessories | Shelves

# 01

Floor Standing Enclosures

1

## Ventilated shelves, SHC

- Description:** Mounted directly onto the enclosure's frame.
- Material:** 2 mm zinc plated steel.
- Maximum load:** 500 N.
- Pack quantity:** 1 shelf with mounting accessories.

| For enclosure |     | Mounting plate dimensions |     | Item no. |
|---------------|-----|---------------------------|-----|----------|
| W             | D   | w                         | d   |          |
| 600           | 600 | 509                       | 555 | SHC0606  |
| 600           | 800 | 509                       | 755 | SHC0608  |
| 800           | 600 | 709                       | 555 | SHC0806  |
| 800           | 800 | 709                       | 755 | SHC0808  |
| 800           | 900 | 709                       | 855 | SHC0809  |



## Telescopic shelf HD, SHTH

- Description:** For easy access to installed equipment. Mounted directly to the enclosure's frame with integrated handle. Reversed mounting possible.
- Material:** 2 mm zinc plated steel.
- Maximum load:** 1000 N.
- Pack quantity:** 1 ventilated shelf and 1 pair of telescopic slides with mounting accessories.

| For enclosure |     | Item no. |
|---------------|-----|----------|
| W             | D   |          |
| 600           | 600 | SHTH0606 |
| 600           | 800 | SHTH0608 |
| 800           | 600 | SHTH0806 |
| 800           | 800 | SHTH0808 |



## Telescopic ventilated shelf, SHT

- Description:** For easy access to installed equipment. Mounted directly to the enclosure's frame. Partial depth mounting is an option. Possibility to take the shelf out of the slides even after mounting into the enclosure. Reversed and side mounting possible.
- Material:** 2 mm zinc plated steel.
- Maximum load:** 500 N.
- Pack quantity:** 1 ventilated shelf and 1 pair of telescopic slides with mounting accessories.
- Mounting requirements:** Add SHTP profiles for full/partial depth installation to the enclosure's frame.

| For enclosure |     | Shelf dimensions |     | Item no. |
|---------------|-----|------------------|-----|----------|
| W             | D   | w                | d   |          |
| 600           | 600 | 460              | 550 | SHT0606  |
| 600           | 800 | 460              | 750 | SHT0608  |
| 800           | 600 | 660              | 550 | SHT0806  |
| 800           | 800 | 660              | 750 | SHT0808  |



# Floor Standing Enclosures

## Steel Range

### Accessories | Shelves

#### Mounting profiles for SHT, SHTP

**Description:** Profiles for partial and full depth mounting of the telescopic shelf SHT. Makes possible to mount a 600 mm deep SHT in a 800 mm deep enclosure. Fixed directly to the enclosure's frame. Fully adjustable in height in steps of 12.5 mm.

**Material:** 1.5 mm zinc plated steel.

**Pack quantity:** 2 profiles with mounting accessories.

| For enclosure |  |          |
|---------------|--|----------|
| D             |  | Item no. |
| 600           |  | SHTP600  |
| 800           |  | SHTP800  |



#### Seismic bracket kit, SBK

**Material:** Side bars: 4 mm galvanized steel. Brackets: 3 mm galvanized steel.

**Pack quantity:** 1 seismic bracket with mounting material.

**Mounting requirements:** Depth mounted CLPK Click in profile and width mounted CB carrier bar at the top and bottom to comply with the seismic tests.

| For enclosure |     |     |          |
|---------------|-----|-----|----------|
| H             | W   | D   | Item no. |
| 2000          | 600 | 400 | SBK20064 |
| 2000          | 600 | 600 | SBK20066 |
| 2000          | 800 | 600 | SBK20086 |
| 2000          | 800 | 800 | SBK20088 |

*\*Other dimensions are available upon request.*



# 01

Floor Standing Enclosures

1

# Floor Standing Enclosures

## Steel Range

### Accessories | Fixation

#### Plinth

Mild steel, combinable enclosures

#### MCS / MCD

|                              |                                                                                                 | Required accessories                                                                                                                                                                                | Page              |
|------------------------------|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| <b>STAND ALONE ENCLOSURE</b> | <b>Plinth</b>                                                                                   | Front/rear plinths, <b>PF</b><br>Plinth side panels, <b>PS</b>                                                                                                                                      | 166<br>168        |
|                              | <b>Ventilated plinth</b>                                                                        | Ventilated front/rear plinths, <b>PV</b><br>Plinth side panels, <b>PS</b>                                                                                                                           | 167<br>168        |
| <b>BAYED ENCLOSURES</b>      | <b>Plinth without communication between the plinths, with reinforcement in depth</b>            | Front/rear plinths, <b>PF</b><br>One per enclosure<br>Plinth side panels, <b>PS</b><br>One per enclosure                                                                                            | 166<br>168        |
|                              | <b>Plinth with communication between the plinths, without reinforcement in depth</b>            | Front/rear plinths, <b>PF</b><br>One per enclosure<br>Plinth side panels, <b>PS</b><br>One per group of enclosures                                                                                  | 166<br>168        |
|                              | <b>Plinth with communication between the plinths, with reinforcement in depth</b>               | Front/rear plinths, <b>PF</b><br>One per enclosure<br>Plinth combining profiles, <b>PCP</b><br>One per enclosure joining<br>Plinth side panels, <b>PS</b><br>One per group of enclosures            | 166<br>168<br>168 |
|                              | <b>Ventilated plinth without communication between the plinths, with reinforcement in depth</b> | Ventilated front/rear plinths, <b>PV</b><br>One per enclosure<br>Plinth side panels, <b>PS</b><br>One per enclosure                                                                                 | 167<br>168        |
|                              | <b>Ventilated plinth with communication between the plinths, without reinforcement in depth</b> | Ventilated front/rear plinths, <b>PV</b><br>One per enclosure<br>Plinth side panels, <b>PS</b><br>One per group of enclosures                                                                       | 167<br>168        |
|                              | <b>Ventilated plinth with communication between the plinths, with reinforcement in depth</b>    | Ventilated front/rear plinths, <b>PV</b><br>One per enclosure<br>Plinth combining profiles, <b>PCP</b><br>One per enclosure joining<br>Plinth side panels, <b>PS</b><br>One per group of enclosures | 167<br>168<br>168 |
|                              |                                                                                                 |                                                                                                                                                                                                     |                   |



Mild steel, compact enclosures

Stainless steel, combinable enclosures

Stainless steel, compact enclosures

**MKS / MKD****MCSS / MCDS****EKSS / EKDS**

| Required accessories                                                      | Page                     | Required accessories                                                                                           | Page                     | Required accessories                                                                             | Page                     |
|---------------------------------------------------------------------------|--------------------------|----------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------------------------------------------------------------------------------|--------------------------|
| Front/rear plinths, <b>PF</b><br>Plinth side panels, <b>PS</b>            | <b>166</b><br><b>168</b> | Stainless steel front/rear plinths, <b>PFS</b><br>Stainless steel plinth side panels, <b>PSS</b>               | <b>169</b><br><b>170</b> | Stainless steel front/rear plinths, <b>PFS</b><br>Stainless steel plinth side panels, <b>PSS</b> | <b>169</b><br><b>170</b> |
| Ventilated front/rear plinths, <b>PV</b><br>Plinth side panels, <b>PS</b> | <b>167</b><br><b>168</b> | <i>Not available</i>                                                                                           | <b>N/A</b>               | <i>Not available</i>                                                                             | <b>N/A</b>               |
| <i>Not available</i>                                                      | <b>N/A</b>               | Front/rear plinths, <b>PFS</b><br>One per enclosure<br>Side plinths, <b>PSS</b><br>One per enclosure           | <b>169</b><br><b>170</b> | <i>Not available</i>                                                                             | <b>N/A</b>               |
| <i>Not available</i>                                                      | <b>N/A</b>               | Front/rear plinths, <b>PFS</b><br>One per enclosure<br>Side plinths, <b>PSS</b><br>One per group of enclosures | <b>169</b><br><b>170</b> | <i>Not available</i>                                                                             | <b>N/A</b>               |
| <i>Not available</i>                                                      | <b>N/A</b>               | <i>Not available</i>                                                                                           | <b>N/A</b>               | <i>Not available</i>                                                                             | <b>N/A</b>               |
| <i>Not available</i>                                                      | <b>N/A</b>               | <i>Not available</i>                                                                                           | <b>N/A</b>               | <i>Not available</i>                                                                             | <b>N/A</b>               |
| <i>Not available</i>                                                      | <b>N/A</b>               | <i>Not available</i>                                                                                           | <b>N/A</b>               | <i>Not available</i>                                                                             | <b>N/A</b>               |
| <i>Not available</i>                                                      | <b>N/A</b>               | <i>Not available</i>                                                                                           | <b>N/A</b>               | <i>Not available</i>                                                                             | <b>N/A</b>               |
| <i>Not available</i>                                                      | <b>N/A</b>               | <i>Not available</i>                                                                                           | <b>N/A</b>               | <i>Not available</i>                                                                             | <b>N/A</b>               |

# Floor Standing Enclosures

## Steel Range

### Accessories | Fixation

#### Leveling feet and wheels

Mild steel, combinable enclosures

#### MCS / MCD

|                      |                                                                                               | Required accessories                                                                                                                                                                                                                                   | Page                     |
|----------------------|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>LEVELING FEET</b> | <b>Directly fixed in the enclosure</b>                                                        | Leveling feet, <b>LF</b><br>One per enclosure                                                                                                                                                                                                          | 170                      |
|                      | <b>Fixation in the plinth, for stand alone enclosures</b>                                     | Front/rear plinths, <b>PF</b> or <b>PV</b><br>Plinth side panels, <b>PS</b><br>Leveling feet, <b>LF</b>                                                                                                                                                | 166<br>168<br>170        |
|                      | <b>Fixation in the plinth, for bayed enclosures without communication between the plinths</b> | Front/rear plinths, <b>PF</b> or <b>PV</b><br>One per enclosure<br>Plinth side panels, <b>PS</b><br>One per enclosure<br>Leveling feet, <b>LF</b><br>One per enclosure                                                                                 | 166<br>168<br>170        |
|                      | <b>Fixation in the plinth, for bayed enclosures with communication between the plinths</b>    | Front/rear plinths, <b>PF</b> or <b>PV</b><br>One per enclosure<br>Plinth combining profiles, <b>PCP</b><br>One per enclosure joining<br>Plinth side panels, <b>PS</b><br>One per group of enclosures<br>Leveling feet, <b>LF</b><br>One per enclosure | 166<br>168<br>168<br>170 |
| <b>WHEELS</b>        | <b>Directly fixed in the enclosure</b>                                                        | Casters, <b>LCR</b><br>One per enclosure                                                                                                                                                                                                               | 171                      |
|                      | <b>Fixation in the plinth, for stand alone enclosures</b>                                     | Front/rear plinths, <b>PF</b> or <b>PV</b><br>Plinth side panels, <b>PS</b><br>Casters, <b>LCR</b>                                                                                                                                                     | 166<br>168<br>171        |
|                      | <b>Fixation in the plinth, for bayed enclosures without communication between the plinths</b> | Front/rear plinths, <b>PF</b> or <b>PV</b><br>One per enclosure<br>Plinth side panels, <b>PS</b> ,<br>One per enclosure<br>Casters, <b>LCR</b><br>One per enclosure                                                                                    | 166<br>168<br>171        |
|                      | <b>Fixation in the plinth, for bayed enclosures with communication between the plinths</b>    | Front/rear plinths, <b>PF</b> or <b>PV</b><br>One per enclosure<br>Plinth combining profiles, <b>PCP</b><br>One per enclosure joining<br>Plinth side panels, <b>PS</b><br>One per group of enclosures<br>Casters, <b>LCR</b><br>One per enclosure      | 166<br>168<br>168<br>171 |

Mild steel, compact enclosures

Stainless steel, combinable enclosures

Stainless steel, compact enclosures

**MKS / MKD****MCSS / MCDS****EKSS / EKDS**

| Required accessories                                                                                    | Page              | Required accessories                                                                                                                                  | Page              | Required accessories                                                                   | Page              |
|---------------------------------------------------------------------------------------------------------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------------------------------------------------------------------|-------------------|
| Leveling feet, <b>LF</b><br>One per enclosure                                                           | 170               | Leveling feet, <b>LF</b><br>One per enclosure                                                                                                         | 170               | Leveling feet, <b>LF</b><br>One per enclosure                                          | 170               |
| Front/rear plinths, <b>PF</b> or <b>PV</b><br>Plinth side panels, <b>PS</b><br>Leveling feet, <b>LF</b> | 166<br>168<br>170 | Front/rear plinths, <b>PFS</b><br>Side plinths, <b>PSS</b><br>Leveling feet, <b>LF</b>                                                                | 169<br>170<br>170 | Front/rear plinths, <b>PFS</b><br>Side plinths, <b>PSS</b><br>Leveling feet, <b>LF</b> | 169<br>170<br>170 |
| Not available                                                                                           | N/A               | Front/rear plinths, <b>PFS</b><br>One per enclosure<br>Side plinths, <b>PSS</b><br>One per enclosure<br>Leveling feet, <b>LF</b><br>One per enclosure | 169<br>170<br>170 | Not available                                                                          | N/A               |
| Not available                                                                                           | N/A               | Not available                                                                                                                                         | N/A               | Not available                                                                          | N/A               |
| Casters, <b>LCR</b><br>One per enclosure                                                                | 171               | Casters, <b>LCR</b><br>One per enclosure                                                                                                              | 171               | Casters, <b>LCR</b><br>One per enclosure                                               | 171               |
| Front/rear plinths, <b>PF</b> or <b>PV</b><br>Plinth side panels, <b>PS</b><br>Casters, <b>LCR</b>      | 166<br>168<br>171 | Front/rear plinths, <b>PFS</b><br>Side plinths, <b>PSS</b><br>Casters, <b>LCR</b>                                                                     | 169<br>170<br>171 | Front/rear plinths, <b>PFS</b><br>Side plinths, <b>PSS</b><br>Casters, <b>LCR</b>      | 169<br>170<br>171 |
| Not available                                                                                           | N/A               | Front/rear plinths, <b>PFS</b><br>One per enclosure<br>Side plinths, <b>PSS</b><br>One per enclosure<br>Casters, <b>LCR</b><br>One per enclosure      | 169<br>170<br>171 | Not available                                                                          | N/A               |
| Not available                                                                                           | N/A               | Not available                                                                                                                                         | N/A               | Not available                                                                          | N/A               |

# Floor Standing Enclosures

## Steel Range

### Accessories | Fixation

#### Wall brackets

Mild steel, combinable enclosures

**MCS / MCD**

| Required accessories |                       |                                                | Page |
|----------------------|-----------------------|------------------------------------------------|------|
| WALL BRACKETS        | Stand alone enclosure | Wall fixing brackets, CCB                      | 171  |
|                      | Bayed enclosures      | Wall fixing brackets, CCB<br>One per enclosure | 171  |

Mild steel, compact enclosures

Stainless steel, combinable enclosures

Stainless steel, compact enclosures

**MKS / MKD****MCSS / MCDS****EKSS / EKDS**

| Required accessories             | Page       | Required accessories                                                   | Page       | Required accessories                              | Page       |
|----------------------------------|------------|------------------------------------------------------------------------|------------|---------------------------------------------------|------------|
| Wall fixing brackets, <b>CCB</b> | <b>171</b> | Stainless steel wall fixing brackets, <b>CCBS</b>                      | <b>171</b> | Stainless steel wall fixing brackets, <b>CCBS</b> | <b>171</b> |
| <i>Not available</i>             | <b>N/A</b> | Stainless steel wall fixing brackets, <b>CCBS</b><br>One per enclosure | <b>171</b> | <i>Not available</i>                              | <b>N/A</b> |

# Floor Standing Enclosures

## Steel Range

### Accessories | Fixation

## Front/rear Plinths, PF

- Description:

Front and rear plinth sections. For cabling without any restrictions and in accordance with the VDE 0113 standard. The plinth consists of four corner pieces with removable front covers. The side panels PS are to be ordered separately. Produced in 100 mm and 200 mm heights. 200 mm high plinths are delivered with a rear cover for cabling that consists of two removable panels 100 mm high. The front cover is a one piece panel of 200 mm high. All panels have double returns on each side for added strength.
- Material:

Corner pieces in 2 mm and panels in 1.5 mm mild steel.
- Finish:

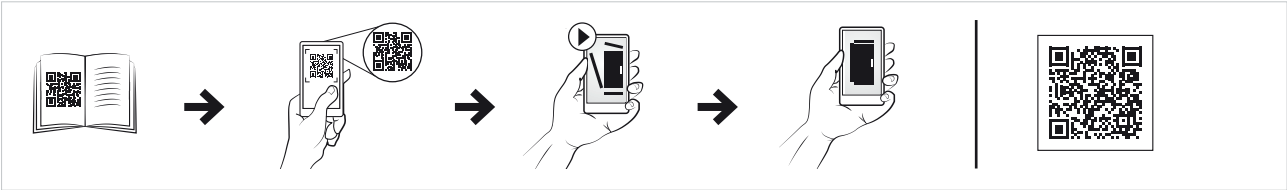
RAL 7022 structured powder coating.
- Pack quantity:

1 set of 4 corner pieces including covers. Front and rear panel (2 rear panels for 200 mm high plinths) with mounting accessories. Mounting accessories for side panels PS or transversal profiles PCP.
- Mounting requirements:

Add the side panels PS for a complete plinth. When combining enclosures it is recommended to add transversal panels PCP for cable duct support and extra rigidity.

| For enclosure |      |          |
|---------------|------|----------|
| H             | W    | Item no. |
| 100           | 400  | PF1040   |
| 100           | 500  | PF1050   |
| 100           | 600  | PF1060   |
| 100           | 800  | PF1080   |
| 100           | 1000 | PF1100   |
| 100           | 1200 | PF1120   |
| 200           | 400  | PF2040   |
| 200           | 500  | PF2050   |
| 200           | 600  | PF2060   |
| 200           | 800  | PF2080   |
| 200           | 1000 | PF2100   |
| 200           | 1200 | PF2120   |

For enclosures 1600 mm wide use 2 x 800 mm wide plinth.



## Ventilated front/rear plinths, PV

**Description:** Front and rear plinth sections with ventilated panels. Recommended to be used in combination with the ventilated bottom plate CVB. For cabling without any restrictions and in accordance with the VDE 0113 standard. The plinth consists of four corner pieces with removable front covers. All panels have double returns for added strength. Only available in height of 100 mm.

**Material:** Corner pieces in 2 mm and panels in 1.5 mm mild steel.

**Finish:** RAL 7022 structured powder coating.

**Pack quantity:** 1 set of 4 corner pieces including covers. Front and rear panel with mounting accessories for side panels PS or transversal profiles PCP.

**Mounting requirements:** Add the side panels PS for a complete plinth. When combining enclosures it is recommended to add transversal panels PCP for cable duct support and extra rigidity. Use ventilated bottom plates CVB to get better enclosure ventilation.



| For enclosure |          |
|---------------|----------|
| W             | Item no. |
| 400           | PV1040   |
| 600           | PV1060   |
| 800           | PV1080   |
| 1000          | PV1100   |
| 1200          | PV1120   |





# Floor Standing Enclosures

## Steel Range

### Accessories | Fixation

#### Side plinths, PS

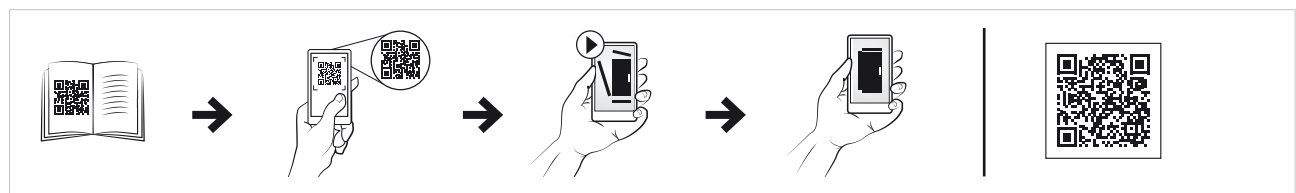
**Description:** Side panels to cover the openings in the sides of the PF/PV plinths. Double folded panels for maximum strength. Compatible with combinable and semi-compact enclosure ranges.

**Material:** 1.5 mm steel plate.

**Finish:** RAL 7022 structured powder coating.

**Pack quantity:** 2 panels. Mounting accessories included with PF/PV.

| For enclosure |     |          |
|---------------|-----|----------|
| H             | D   | Item no. |
| 100           | 300 | PS1030   |
| 100           | 400 | PS1040   |
| 100           | 500 | PS1050   |
| 100           | 600 | PS1060   |
| 100           | 800 | PS1080   |
| 200           | 400 | PS2040   |
| 200           | 300 | PS2030   |
| 200           | 500 | PS2050   |
| 200           | 600 | PS2060   |
| 200           | 800 | PS2080   |



#### Plinth combining profiles, PCP

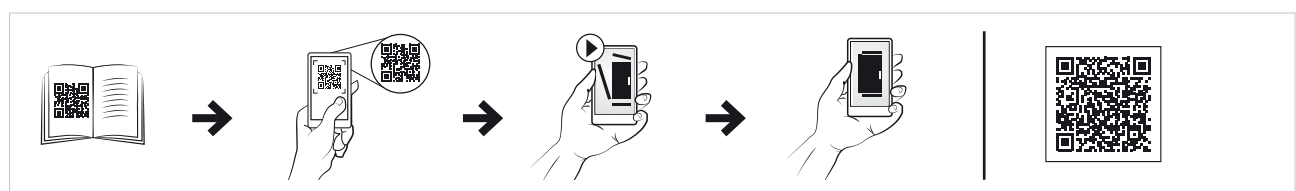
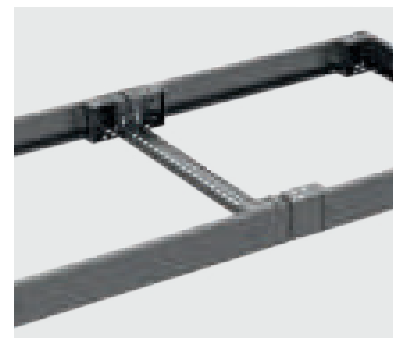
**Description:** Acts as a stabiliser when cabling is routed between bayed enclosures. With the PCP, plinths can be combined and fixed to the floor before the enclosures are mounted on them. The PCP can be used when cables have to go under the enclosure. For 200 mm high plinths, the PCP can be mounted in three different heights, top, middle or bottom. The hole pattern for cage nuts and M5 x 10 screws, allows accessories to be mounted.

**Material:** 2 mm steel plate.

**Finish:** RAL 7022 structured powder coating.

**Pack quantity:** 2 profiles with mounting accessories.

| For enclosure |  |          |
|---------------|--|----------|
| D             |  | Item no. |
| 400           |  | PCP04    |
| 500           |  | PCP05    |
| 600           |  | PCP06    |
| 800           |  | PCP08    |



## Front/Rear plinth, stainless steel, PFS

- Description:** Front and rear plinth sections. For cabling without any restrictions and in accordance with the VDE 0113 standard. The plinth consists of four corner pieces with removable front covers. The side panels PSS are to be ordered separately. Produced in 100 mm and 200 mm heights. 200 mm high plinths are delivered with a rear cover for cabling that consists of two removable panels 100 mm high. The front cover is a one piece panel of 200 mm high. All panels have double returns on each panel for added strength.
- Material:** AISI 304 / AISI 316L pre-grained stainless steel. Corners 2 mm and panels 1.5 mm.
- Finish:** 400 pre-grained stainless steel.
- Pack quantity:** 1x front plinth and 1x rear plinth with mounting accessories.
- Mounting requirements:** Add the side panels PSS for a complete plinth.

| For enclosure |      |             |
|---------------|------|-------------|
| H             | W    | Item no.    |
| 100           | 600  | PFS1060     |
| 100           | 600  | PFS1060-316 |
| 100           | 800  | PFS1080     |
| 100           | 800  | PFS1080-316 |
| 100           | 1000 | PFS1100     |
| 100           | 1000 | PFS1100-316 |
| 100           | 1200 | PFS1120     |
| 100           | 1200 | PFS1120-316 |
| 200           | 600  | PFS2060     |
| 200           | 600  | PFS2060-316 |
| 200           | 800  | PFS2080     |
| 200           | 800  | PFS2080-316 |
| 200           | 1000 | PFS2100     |
| 200           | 1000 | PFS2100-316 |
| 200           | 1200 | PFS2120     |
| 200           | 1200 | PFS2120-316 |

For enclosures 1600 mm wide use 2 x 800 mm wide plinth.



## Leveling feet, LF

- Description:** Adjustable feet for leveling enclosures placed on uneven ground. Mounted directly to the enclosure's frame. Adjustment stroke: 30 mm.
- Maximum load:** 3000 N per foot.
- Pack quantity:** 4 pieces with mounting accessories.

| Item no. |
|----------|
| LF430    |



# Floor Standing Enclosures

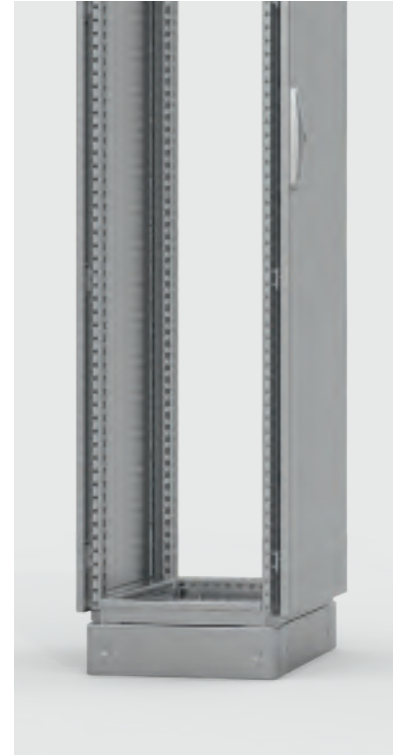
## Steel Range

### Accessories | Fixation

#### Side plinths, PSS

|                       |                                                                                                                                                                                            |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | Side panels to cover the openings in the sides of the PFS plinth. Double folded panels for maximum strength. Compatible with combinable and compact stainless steel floor standing ranges. |
| <b>Material:</b>      | AISI 304 / AISI 316L pre-grained stainless steel. Panels: 1.5 mm.                                                                                                                          |
| <b>Finish:</b>        | 400 pre-grained stainless steel.                                                                                                                                                           |
| <b>Pack quantity:</b> | 2 panels. Mounting accessories included with PFS.                                                                                                                                          |

| For enclosure |      |             |
|---------------|------|-------------|
| H             | D    | Item no.    |
| 100           | 400  | PSS1040     |
| 100           | 400  | PSS1040-316 |
| 100           | 500  | PSS1050     |
| 100           | 500  | PSS1050-316 |
| 100           | 600  | PSS1060     |
| 100           | 600  | PSS1060-316 |
| 100           | 800  | PSS1080-316 |
| 100           | 1000 | PSS1100-316 |
| 200           | 400  | PSS2040     |
| 200           | 400  | PSS2040-316 |
| 200           | 500  | PSS2050     |
| 200           | 500  | PSS2050-316 |
| 200           | 600  | PSS2060     |
| 200           | 600  | PSS2060-316 |
| 200           | 800  | PSS2080-316 |
| 200           | 1000 | PSS2100-316 |



#### Levelling adjuster, LFA

|                       |                                                                                                                                                |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | For levelling adjustment on uneven floors at the installation site up to a maximum of 15 mm. Installed through the PF/PFS plinth corner piece. |
| <b>Material:</b>      | Zinc plated.                                                                                                                                   |
| <b>Maximum load:</b>  | 2500 N per foot.                                                                                                                               |
| <b>Pack quantity:</b> | 4 pieces with mounting accessories.                                                                                                            |

| Item no. |
|----------|
| LFA104   |
| LFA204   |



## Casters, LCR

- Description:** For easy transportation of an (equipped) enclosure. Can be mounted directly to the enclosure's frame or underneath the plinths (PF/PV) with the provided mounting brackets. Raises the enclosure by 70 mm.
- Maximum load:** 2800 N (Moving) or 5600 N (Static) per kit.
- Pack quantity:** 4 pieces with mounting accessories.

| Type                                | Item no. |
|-------------------------------------|----------|
| 4 casters without brakes            | LCR470   |
| 2 casters with and 2 without brakes | LCR471   |
| 4 casters with brakes               | LCR472   |



## Wall fixing brackets, CCB

- Description:** To fix the enclosure to the wall by using M12 screws on the top of the enclosure. Prevents the enclosure from tipping over e.g. on board ships. Compatible with combinable and compact mild steel floor standing enclosure ranges.
- Material:** 3 mm zinc plated steel.
- Pack quantity:** 2 pieces.

| Item no. |
|----------|
| CCB02    |



## Wall fixing brackets stainless steel, CCBS

- Description:** To fix the enclosure to the wall by using M12 screws on the top of the enclosure. Prevents the enclosure from tipping over e.g. on board ships. Compatible with combinable and compact stainless steel floor standing enclosure ranges.
- Material:** 3 mm AISI 304 pre grained stainless steel.
- Pack quantity:** 2 pieces.

| Item no. |
|----------|
| CCBS02   |



# Floor Standing Enclosures

## Steel Range

### Accessories | Full height doors

#### Full height doors

Mild steel, combinable enclosures

#### MCS / MCD

|                         |                                                     | Required accessories                                                                                                                | Page              |
|-------------------------|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| <b>PLAIN DOOR</b>       | Replacement of standard door, 130° opening          | Plain door, <b>DN</b>                                                                                                               | 176               |
|                         | Additional door in the rear, 130° opening           | Plain door, <b>DN</b><br>Door mounting kit, <b>DNMK</b>                                                                             | 176<br>179        |
| <b>GLAZED DOOR</b>      | Replacement of standard door, 130° opening          | Glazed door, <b>DNG</b>                                                                                                             | 178               |
|                         | Additional door in the rear, 130° opening           | Glazed door, <b>DNG</b><br>Door mounting kit, <b>DNMK</b>                                                                           | 178<br>179        |
| <b>SIDE DOOR</b>        | Side door                                           | Side door, <b>DNS</b>                                                                                                               | 180               |
| <b>RAISED SIDE DOOR</b> | Raised side door for cabling                        | Raised side door, <b>DNSR</b>                                                                                                       | 227               |
|                         | Raised side door for cabling with marshalling plate | Raised side door, <b>DNSR</b><br>Marshalling plate, <b>MM</b><br>Cover plate, <b>MMG</b> . Required when some cut-outs are not used | 227<br>228<br>228 |
| <b>INNER DOOR</b>       | Inner door adjustable in depth                      | Inner door, <b>DI</b>                                                                                                               | 180               |

Mild steel, compact enclosures

**MKS / MKD**

| Required accessories                                      | Page                     |
|-----------------------------------------------------------|--------------------------|
| Plain door, <b>DN</b>                                     | <b>176</b>               |
| Plain door, <b>DN</b><br>Door mounting kit, <b>DNMK</b>   | <b>176</b><br><b>179</b> |
| Glazed door, <b>DNG</b>                                   | <b>178</b>               |
| Glazed door, <b>DNG</b><br>Door mounting kit, <b>DNMK</b> | <b>178</b><br><b>179</b> |
| <i>Not available</i>                                      | <b>N/A</b>               |
| <i>Not available</i>                                      | <b>N/A</b>               |
| <i>Not available</i>                                      | <b>N/A</b>               |
| Inner door, <b>DI</b>                                     | <b>180</b>               |

Stainless steel, combinable enclosures

**MCSS / MCDS**

| Required accessories                                                                                       | Page                     |
|------------------------------------------------------------------------------------------------------------|--------------------------|
| Stainless steel plain door, <b>DNSS</b>                                                                    | <b>177</b>               |
| Stainless steel plain door, <b>DNSS</b><br>Door mounting kit for stainless steel enclosures, <b>DNMKS</b>  | <b>177</b><br><b>179</b> |
| Stainless steel glazed door, <b>DNGS</b>                                                                   | <b>178</b>               |
| Stainless steel glazed door, <b>DNGS</b><br>Door mounting kit for stainless steel enclosures, <b>DNMKS</b> | <b>178</b><br><b>179</b> |
| <i>Not available</i>                                                                                       | <b>N/A</b>               |
| <i>Not available</i>                                                                                       | <b>N/A</b>               |
| <i>Not available</i>                                                                                       | <b>N/A</b>               |
| Inner door, <b>DI</b><br>* Mild steel, painted in RAL 7035                                                 | <b>180</b>               |

Stainless steel, compact enclosures

**EKSS / EKDS**

| Required accessories                                                                                       | Page                     |
|------------------------------------------------------------------------------------------------------------|--------------------------|
| Stainless steel plain door, <b>DNSS</b>                                                                    | <b>177</b>               |
| Stainless steel plain door, <b>DNSS</b><br>Door mounting kit for stainless steel enclosures, <b>DNMKS</b>  | <b>177</b><br><b>179</b> |
| Stainless steel glazed door, <b>DNGS</b>                                                                   | <b>178</b>               |
| Stainless steel glazed door, <b>DNGS</b><br>Door mounting kit for stainless steel enclosures, <b>DNMKS</b> | <b>178</b><br><b>179</b> |
| <i>Not available</i>                                                                                       | <b>N/A</b>               |
| <i>Not available</i>                                                                                       | <b>N/A</b>               |
| <i>Not available</i>                                                                                       | <b>N/A</b>               |
| Inner door, <b>DI</b><br>* Mild steel, painted in RAL 7035                                                 | <b>180</b>               |

# Floor Standing Enclosures

## Steel Range

### Accessories | Full height doors

#### Door accessories

Mild steel, combinable enclosures

#### MCS / MCD

|                                     |                            | Required accessories                                                | Page |
|-------------------------------------|----------------------------|---------------------------------------------------------------------|------|
| <b>180° HINGES</b>                  | For plain and glazed doors | 180° door hinges, <b>DHN</b>                                        | 179  |
|                                     | For side doors             | 180° door hinges, <b>DHN</b>                                        | 179  |
|                                     | For inner doors            | <i>Not available</i>                                                | N/A  |
| <b>DOORSTOP</b>                     | For plain and glazed doors | Door stop, <b>DSTP</b>                                              | 182  |
|                                     | For side doors             | Door stop, <b>DSTP</b>                                              | 182  |
|                                     | For raised side doors      | <i>Not available</i>                                                | N/A  |
|                                     | For inner doors            | <i>Not available</i>                                                | N/A  |
| <b>DOOR WHEELS</b>                  | For plain and glazed doors | Door wheels, <b>DW</b>                                              | 182  |
|                                     | For side doors             | Door wheels, <b>DW</b>                                              | 182  |
|                                     | For inner doors            | <i>Not available</i>                                                | N/A  |
| <b>PLASTIC DOOR SUPPORT DEVICE</b>  | For plain and glazed doors | Plastic door support device, <b>DPSL</b>                            | 182  |
|                                     | For side doors             | Plastic door support device, <b>DPSL</b>                            | 182  |
|                                     | For inner doors            | <i>Not available</i>                                                | N/A  |
| <b>PLASTIC DOCUMENT POCKET</b>      | For all doors              | Adhesive plastic document pocket, <b>DRA</b>                        | 183  |
| <b>STEEL DOCUMENT POCKET</b>        | For all external doors     | Steel document pocket to be fixed on the door frame, <b>DRB</b>     | 183  |
| <b>DRAWING DESK</b>                 | For all external doors     | Drawing desk, <b>DDK</b>                                            | 183  |
|                                     |                            | *Two <b>DCP</b> profiles are required for doors wider than the desk | 184  |
| <b>DOOR FRAME MOUNTING PROFILES</b> | For all external doors     | Door frame mounting profiles, <b>DCP</b>                            | 184  |



Mild steel, compact enclosures

**MKS / MKD**

| Required accessories                                                                             | Page       |
|--------------------------------------------------------------------------------------------------|------------|
| 180° door hinges, <b>DHN</b>                                                                     | 179        |
| 180° door hinges, <b>DHN</b>                                                                     | 179        |
| Not available                                                                                    | N/A        |
| Door stop, <b>DSTP</b>                                                                           | 182        |
| Not available                                                                                    | N/A        |
| Not available                                                                                    | N/A        |
| Not available                                                                                    | N/A        |
| Door wheels, <b>DW</b>                                                                           | 182        |
| Not available                                                                                    | N/A        |
| Not available                                                                                    | N/A        |
| Plastic door support device, <b>DPSL</b>                                                         | 182        |
| Not available                                                                                    | N/A        |
| Not available                                                                                    | N/A        |
| Adhesive plastic document pocket, <b>DRA</b>                                                     | 183        |
| Steel document pocket to be fixed on the door frame, <b>DRB</b>                                  | 183        |
| Drawing desk, <b>DDK</b><br>* Two <b>DCP</b> profiles are required for doors wider than the desk | 183<br>184 |
| Door frame mounting profiles, <b>DCP</b>                                                         | 184        |

Stainless steel, combinable enclosures

**MCSS / MCDS**

| Required accessories                                                                                                                  | Page       |
|---------------------------------------------------------------------------------------------------------------------------------------|------------|
| 180° door hinges, <b>DHN</b><br>* Made in Zamak                                                                                       | 179        |
| Not available                                                                                                                         | N/A        |
| Not available                                                                                                                         | N/A        |
| Door stop, <b>DSTP</b>                                                                                                                | 182        |
| Not available                                                                                                                         | N/A        |
| Not available                                                                                                                         | N/A        |
| Not available                                                                                                                         | N/A        |
| Door wheels, <b>DW</b>                                                                                                                | 182        |
| Not available                                                                                                                         | N/A        |
| Not available                                                                                                                         | N/A        |
| Plastic door support device, <b>DPSL</b>                                                                                              | 182        |
| Not available                                                                                                                         | N/A        |
| Not available                                                                                                                         | N/A        |
| Adhesive plastic document pocket, <b>DRA</b>                                                                                          | 183        |
| Steel document pocket to be fixed on the door frame, <b>DRB</b><br>Stainless steel version available                                  | 183        |
| Drawing desk, <b>DDK</b><br>* Two <b>DCP</b> profiles are required for doors wider than the desk<br>* Mild steel, painted in RAL 7035 | 183<br>184 |
| Door frame mounting profiles, <b>DCP</b>                                                                                              | 184        |

Stainless steel, compact enclosures

**EKSS / EKDS**

| Required accessories                                                                                                                  | Page       |
|---------------------------------------------------------------------------------------------------------------------------------------|------------|
| 180° door hinges, <b>DHN</b><br>* Made in Zamak                                                                                       | 179        |
| Not available                                                                                                                         | N/A        |
| Not available                                                                                                                         | N/A        |
| Door stop, <b>DSTP</b>                                                                                                                | 182        |
| Not available                                                                                                                         | N/A        |
| Not available                                                                                                                         | N/A        |
| Not available                                                                                                                         | N/A        |
| Door wheels, <b>DW</b>                                                                                                                | 182        |
| Not available                                                                                                                         | N/A        |
| Not available                                                                                                                         | N/A        |
| Plastic door support device, <b>DPSL</b>                                                                                              | 182        |
| Not available                                                                                                                         | N/A        |
| Not available                                                                                                                         | N/A        |
| Adhesive plastic document pocket, <b>DRA</b>                                                                                          | 183        |
| Steel document pocket to be fixed on the door frame, <b>DRB</b><br>Stainless steel version available                                  | 183        |
| Drawing desk, <b>DDK</b><br>* Two <b>DCP</b> profiles are required for doors wider than the desk<br>* Mild steel, painted in RAL 7035 | 183<br>184 |
| Door frame mounting profiles, <b>DCP</b>                                                                                              | 184        |

# Floor Standing Enclosures

## Steel Range

### Accessories | Full height doors

#### Plain doors, DN

|                               |                                                                                                                                                                                                                                                                         |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | Standard door equipped with double-bit 3 mm lock system and door frame. Door accessory kit DNMK (hinges, rod catches) to be ordered separately. Allows all the options of the locking program and 180° hinges. Compatible with combinable and compact enclosure ranges. |
| <b>Material:</b>              | 2 mm steel plate.                                                                                                                                                                                                                                                       |
| <b>Maximum load:</b>          | 800 N.                                                                                                                                                                                                                                                                  |
| <b>Finish:</b>                | RAL 7035 structured powder coating.                                                                                                                                                                                                                                     |
| <b>Mounting requirements:</b> | Use hinge kit DNMK if no door was fitted previously.                                                                                                                                                                                                                    |
| <b>Pack quantity:</b>         | 1 piece.                                                                                                                                                                                                                                                                |

##### Plain door

| H    | W    | Item no. |
|------|------|----------|
| 1100 | 600  | DN1106R5 |
| 1200 | 600  | DN1206R5 |
| 1200 | 800  | DN1208R5 |
| 1400 | 600  | DN1406R5 |
| 1400 | 800  | DN1408R5 |
| 1600 | 600  | DN1606R5 |
| 1600 | 800  | DN1608R5 |
| 1600 | 1000 | DN1610R5 |
| 1800 | 500  | DN1805R5 |
| 1800 | 600  | DN1806R5 |
| 1800 | 800  | DN1808R5 |
| 1800 | 1000 | DN1810R5 |
| 2000 | 500  | DN2005R5 |
| 2000 | 600  | DN2006R5 |
| 2000 | 800  | DN2008R5 |
| 2000 | 1000 | DN2010R5 |
| 2200 | 600  | DN2206R5 |
| 2200 | 800  | DN2208R5 |

##### Left door

| H    | W   | Item no.  |
|------|-----|-----------|
| 1200 | 600 | DN1206LR5 |
| 1400 | 500 | DN1405LR5 |
| 1400 | 600 | DN1406LR5 |
| 1600 | 600 | DN1606LR5 |
| 1800 | 400 | DN1804LR5 |
| 1800 | 500 | DN1805LR5 |
| 1800 | 600 | DN1806LR5 |
| 1800 | 800 | DN1808LR5 |
| 2000 | 400 | DN2004LR5 |
| 2000 | 500 | DN2005LR5 |
| 2000 | 600 | DN2006LR5 |
| 2000 | 800 | DN2008LR5 |
| 2200 | 500 | DN2205LR5 |
| 2200 | 600 | DN2206LR5 |

##### Right door

| H    | W   | Item no.  |
|------|-----|-----------|
| 1200 | 600 | DN1206RR5 |
| 1400 | 500 | DN1405RR5 |
| 1400 | 600 | DN1406RR5 |
| 1600 | 600 | DN1606RR5 |
| 1800 | 400 | DN1804RR5 |
| 1800 | 500 | DN1805RR5 |
| 1800 | 600 | DN1806RR5 |
| 1800 | 800 | DN1808RR5 |
| 2000 | 400 | DN2004RR5 |
| 2000 | 500 | DN2005RR5 |
| 2000 | 600 | DN2006RR5 |
| 2000 | 800 | DN2008RR5 |
| 2200 | 500 | DN2205RR5 |
| 2200 | 600 | DN2206RR5 |



## Stainless steel plain door, DNSS

|                               |                                                                                                                                                                                                                                                                                            |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | Standard door equipped with double-bit 3 mm lock system and door frame. Door accessory kit DNMKs (hinges, rod catches) to be ordered separately. Allows all the options of the locking programme and 180° hinges. Compatible with combinable and compact stainless steel enclosure ranges. |
| <b>Material:</b>              | 2 mm AISI 304 stainless steel plate / AISI 316L (on request).                                                                                                                                                                                                                              |
| <b>Maximum load:</b>          | 800 N.                                                                                                                                                                                                                                                                                     |
| <b>Finish:</b>                | 400 pre-grained stainless steel.                                                                                                                                                                                                                                                           |
| <b>Pack quantity:</b>         | 1 piece.                                                                                                                                                                                                                                                                                   |
| <b>Mounting requirements:</b> | Use hinge kit DNMKs if no door was fitted previously.                                                                                                                                                                                                                                      |

### Single door

| H    | W    | Item no. |
|------|------|----------|
| 1400 | 800  | DNSS1408 |
| 1600 | 600  | DNSS1606 |
| 1600 | 800  | DNSS1608 |
| 1600 | 1000 | DNSS1610 |
| 1800 | 600  | DNSS1806 |
| 1800 | 800  | DNSS1808 |
| 1800 | 1000 | DNSS1810 |
| 2000 | 600  | DNSS2006 |
| 2000 | 800  | DNSS2008 |
| 2000 | 1000 | DNSS2010 |

### Left door

| H    | W    | Item no.  |
|------|------|-----------|
| 1200 | 1200 | DNSS1212L |
| 1600 | 1200 | DNSS1612L |
| 1800 | 1000 | DNSS1810L |
| 1800 | 1200 | DNSS1812L |
| 1800 | 1600 | DNSS1816L |
| 2000 | 1200 | DNSS2012L |
| 2000 | 1600 | DNSS2016L |

### Right door

| H    | W    | Item no.  |
|------|------|-----------|
| 1200 | 1200 | DNSS1212R |
| 1600 | 1200 | DNSS1612R |
| 1800 | 1000 | DNSS1810R |
| 1800 | 1200 | DNSS1812R |
| 1800 | 1600 | DNSS1816R |
| 2000 | 1200 | DNSS2012R |
| 2000 | 1600 | DNSS2016R |



# Floor Standing Enclosures

## Steel Range

### Accessories | Full height doors

## Glazed doors, DNG

|                               |                                                                                                                                                                                                                                               |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | Glazed door with fitted clear safety glass to view the inside of the enclosure. Equipped with double-bit 3 mm lock system and door frame. Allows all options of the locking program. Compatible with combinable and compact enclosure ranges. |
| <b>Material:</b>              | Frame: 2 mm steel plate. Viewing area: 4 mm clear safety glass.                                                                                                                                                                               |
| <b>Finish:</b>                | RAL 7035 structured powder coating.                                                                                                                                                                                                           |
| <b>Protection:</b>            | Complies with IP 55   TYPE 12   IK 07.                                                                                                                                                                                                        |
| <b>Pack quantity:</b>         | 1 piece.                                                                                                                                                                                                                                      |
| <b>Mounting requirements:</b> | Use hinge kit DNMK01 if no door was fitted previously.                                                                                                                                                                                        |

| For enclosure |     |           |
|---------------|-----|-----------|
| H             | W   | Item no.  |
| 1100          | 600 | DNG1106R5 |
| 1200          | 600 | DNG1206R5 |
| 1200          | 800 | DNG1208R5 |
| 1400          | 600 | DNG1406R5 |
| 1400          | 800 | DNG1408R5 |
| 1600          | 600 | DNG1606R5 |
| 1600          | 800 | DNG1608R5 |
| 1800          | 600 | DNG1806R5 |
| 1800          | 800 | DNG1808R5 |
| 2000          | 600 | DNG2006R5 |
| 2000          | 800 | DNG2008R5 |
| 2200          | 600 | DNG2206R5 |
| 2200          | 800 | DNG2208R5 |



## Stainless steel glazed doors, DNGS

|                               |                                                                                                                                                                                             |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | Transparent door fitted with clear safety glass to view the inside of the enclosure. Equipped with double-bit 3 mm lock system and door frame. Allows all options of the locking programme. |
| <b>Material:</b>              | Frame: 2 mm AISI 304 stainless steel plate, AISI 316L (on request).<br>Viewing area: 4 mm clear safety glass.                                                                               |
| <b>Finish:</b>                | 400 pre-grained stainless steel.                                                                                                                                                            |
| <b>Protection:</b>            | IP 55   TYPE 12, 13   IK 07.                                                                                                                                                                |
| <b>Mounting requirements:</b> | Use hinge kit DNMKS01 if not for replacement of standard door.                                                                                                                              |
| <b>Pack quantity:</b>         | 1 piece.                                                                                                                                                                                    |

| For enclosure |      | Viewing area |     |          |
|---------------|------|--------------|-----|----------|
| H             | W    | h            | w   | Item no. |
| 1400          | 800  | 1176         | 615 | DNGS1408 |
| 1600          | 600  | 1376         | 415 | DNGS1606 |
| 1600          | 800  | 1376         | 615 | DNGS1608 |
| 1600          | 1000 | 1376         | 815 | DNGS1610 |
| 1800          | 600  | 1576         | 415 | DNGS1806 |
| 1800          | 800  | 1576         | 615 | DNGS1808 |
| 1800          | 1000 | 1576         | 815 | DNGS1810 |
| 2000          | 600  | 1776         | 415 | DNGS2006 |
| 2000          | 800  | 1776         | 615 | DNGS2008 |
| 2000          | 1000 | 1776         | 815 | DNGS2010 |



## Door mounting kits, DNMK

**Description:** Door mounting kit for mild steel floor standing enclosures. Required when fitting a door. Only needed when there was no door mounted previously.

**Pack quantity:** 1 complete kit with hinges, rod catches and mounting accessories.

| Description                | Item no. |
|----------------------------|----------|
| for single door enclosures | DNMK01   |
| for double door enclosures | DNMK02   |



## Door mounting kits, stainless steel floorstanding enclosures, DNMKs

**Description:** Door mounting kit for stainless steel floor standing enclosures. Required when fitting a door. Only needed when there was no door mounted previously.

**Pack quantity:** 1 complete kit with hinges, rod catches and mounting accessories.

| Description                | Item no. |
|----------------------------|----------|
| for single door enclosures | DNMKS01  |
| for double door enclosures | DNMKS02  |



## Door hinges 180°, DHN

**Description:** Adjustable door hinges which allows the door to open 180°. Machining is required.

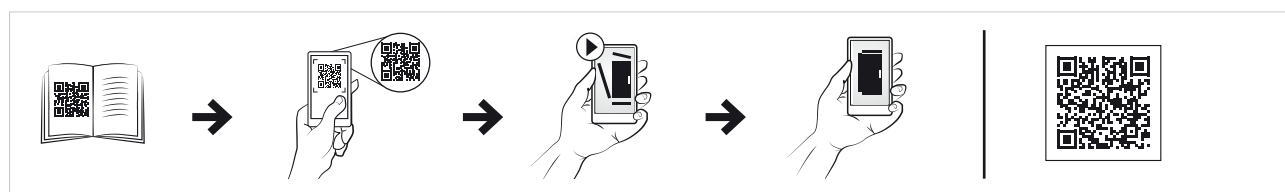
**Material:** Die-cast alloy.

**Finish:** Structured black.

**Maximum load:** 800 N (per kit).

**Pack quantity:** 4 hinges with mounting accessories.

| Item no. |
|----------|
| DHN180N  |



# Floor Standing Enclosures

## Steel Range

### Accessories | Full height doors

#### Side doors, DNS

|                       |                                                                                                                                                                                                                                           |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | Instead of the side panel SPM. For easy access to the equipment inside the enclosure or when enclosures are mounted rear to rear. Equipped with standard double-bit 3 mm lock which makes all lock options possible. Door frame optional. |
| <b>Material:</b>      | 2 mm steel plate.                                                                                                                                                                                                                         |
| <b>Finish:</b>        | RAL 7035 structured powder coating.                                                                                                                                                                                                       |
| <b>Protection:</b>    | Complies with IP 55   TYPE 12   IK 10.                                                                                                                                                                                                    |
| <b>Pack quantity:</b> | 1 door including mounting frame.                                                                                                                                                                                                          |

| H    | W   | Item no.  |
|------|-----|-----------|
| 1800 | 500 | DNS1805R5 |
| 1800 | 600 | DNS1806R5 |
| 2000 | 500 | DNS2005R5 |
| 2000 | 600 | DNS2006R5 |



#### Inner doors, DI

|                       |                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | Inner door provides a hinged mounting surface for equipment behind a standard or glazed front door. A mounting space of 80 mm, is available between the doors when the inner door is in the most forward position. Can be adjusted in depth by steps of 25 mm. The mounting plate remains usable behind the inner door. The door is equipped with two double-bit 3 mm locks. |
| <b>Material:</b>      | 1.5 mm mild steel.                                                                                                                                                                                                                                                                                                                                                           |
| <b>Finish:</b>        | RAL 7035 structured powder coating.                                                                                                                                                                                                                                                                                                                                          |
| <b>Pack quantity:</b> | 1 door with mounting accessories.                                                                                                                                                                                                                                                                                                                                            |

| For enclosure |     |          |
|---------------|-----|----------|
| H             | W   | Item no. |
| 1200          | 600 | DI1206R5 |
| 1200          | 800 | DI1208R5 |
| 1400          | 600 | DI1406R5 |
| 1400          | 800 | DI1408R5 |
| 1600          | 600 | DI1606R5 |
| 1600          | 800 | DI1608R5 |
| 1800          | 600 | DI1806R5 |
| 1800          | 800 | DI1808R5 |
| 2000          | 600 | DI2006R5 |
| 2000          | 800 | DI2008R5 |
| 2200          | 600 | DI2206R5 |
| 2200          | 800 | DI2208R5 |

Other sizes available on request.





# 01

Floor Standing Enclosures

1





# Floor Standing Enclosures

## Steel Range

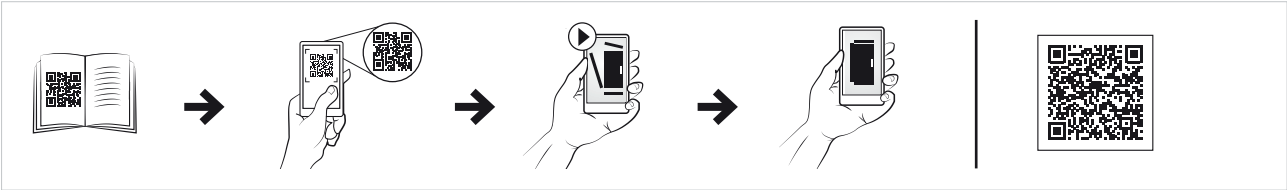
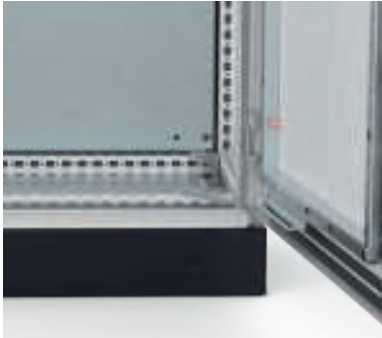
### Accessories | Full height doors

#### Door stop, DSTP

**Description:** To lock an open door in position. Mounted directly to the door frame and on the enclosure profile. Allows the enclosure door to be opened up to 110°.

**Pack quantity:** 1 piece with mounting accessories.

| Material             | Item no.   |
|----------------------|------------|
| Zinc plated          | DSTP02     |
| Stainless steel 316L | DSTP02-316 |

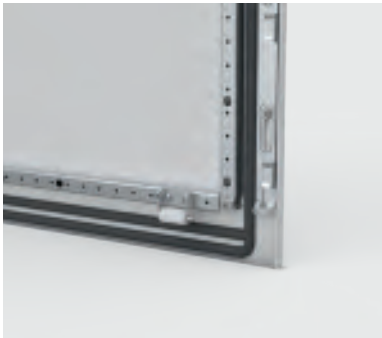


#### Door wheel, DW

**Description:** For easier closing and positioning of a heavily equipped door (cooling units, etc). Mounted directly to the door frame on the bottom of the door. Highly recommended when fitting loads from 30 kg on the enclosure door.

**Pack quantity:** 2 pieces with mounting accessories.

| Item no. |
|----------|
| DW01     |



#### Door plastic support, DPSL

**Description:** Helps to centre the door in case of an uneven floor, as well as allowing easier closing and positioning when a heavy load is mounted (cooling units, etc). Mounted directly to the door frame on the bottom and top of the door. Highly recommended when fitting loads from 30 kg on door.

**Pack quantity:** 2 plastic supports with mounting accessories.

| Item no. |
|----------|
| DPSL01   |



## Document pockets, DRB

**Description:** A large steel document pocket fixed directly onto the door frame. Usable depth: 68 mm.

**Finish:** RAL 7035 structured powder coating.

**Pack quantity:** 1 piece with mounting accessories.

| Description                          | Material          | Item no.  |
|--------------------------------------|-------------------|-----------|
| Universal document pocket 300mm wide | 1.5 mm mild steel | DRB0303R5 |
| For 600 mm doors                     | 1.5 mm mild steel | DRB600R5  |
| For 800 mm doors                     | 1.5 mm mild steel | DRB800R5  |



## Document pockets, DRBS

**Description:** A large steel document pocket fixed directly onto the door frame. Usable depth: 68 mm.

**Finish:** 400 pre-grained stainless steel.

**Pack quantity:** 1 piece with mounting accessories.

| Description                           | Material             | Item no.       |
|---------------------------------------|----------------------|----------------|
| Universal document pocket 300 mm wide | Stainless steel 316L | DRBS03030-316L |
| For 800 mm doors                      | Stainless steel 316L | DRBS0800-316L  |
| For 1000 mm doors                     | Stainless steel 316L | DRBS1000-316L  |



## Document pocket, DRA

**Description:** Self adhesive, for DIN A4.

**Usable depth:** 30 mm.

**Material:** Thermoplastic.

**Finish:** RAL 7035.

**Pack quantity:** 1 document pocket with double sided tape.

| Item no. |
|----------|
| DRA04    |



# Floor Standing Enclosures

## Steel Range

### Accessories | Full height doors

#### Drawing desks, DDK

|                       |                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | Mounted directly to the door frame it provides a solid surface for documents, computer or measuring devices. The desk can be easily folded and locked within the door frame space. An automatic safety positioning system locks the desk at angles of 55°, 70° and 90°. The DDK800R5 can also be mounted on a 1000 mm wide door, by the use of the DCP1002 accessory. |
| <b>Material:</b>      | 1.35 mm mild steel.                                                                                                                                                                                                                                                                                                                                                   |
| <b>Finish:</b>        | RAL 7035 structured powder coating.                                                                                                                                                                                                                                                                                                                                   |
| <b>Pack quantity:</b> | 1 piece with mounting accessories.                                                                                                                                                                                                                                                                                                                                    |

| W   | Item no. |
|-----|----------|
| 600 | DDK600R5 |
| 800 | DDK800R5 |



#### Door frame mounting profiles, DCP

|                       |                                                                                                                                                                                            |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | Horizontal profiles with 25 mm hole pattern. Fits directly onto the door frame. For easy mounting of light equipment by using CNT05 screws, hole pattern of 4.5 mm and 6.5 mm in diameter. |
| <b>Material:</b>      | 2 mm zinc plated steel.                                                                                                                                                                    |
| <b>Pack quantity:</b> | 20 bars with mounting accessories.                                                                                                                                                         |

| W    | Item no. |
|------|----------|
| 400  | DCP402   |
| 500  | DCP502   |
| 600  | DCP602   |
| 800  | DCP802   |
| 1000 | DCP1002  |



#### Cable conduits, CON

|                               |                                                                                                                                                      |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | For flexible and safe protection of cables installed between the door or swing frame and the enclosure's interior. Highly flexible and halogen free. |
| <b>Material:</b>              | Polyethylene.                                                                                                                                        |
| <b>Mounting requirements:</b> | Add CONH for direct mounting to profiles.                                                                                                            |
| <b>Pack quantity:</b>         | 25 m.                                                                                                                                                |

| Diameter | Item no. |
|----------|----------|
| 16       | CON16    |
| 29       | CON29    |
| 36       | CON36    |
| 48       | CON48    |



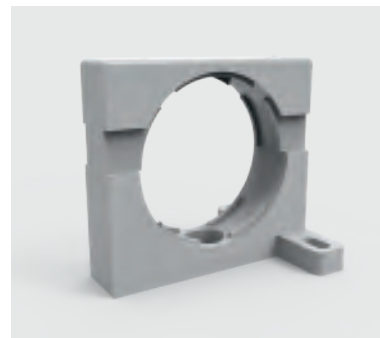
## Universal conduit holders, CONH

**Description:** Universal holder for cable conduit CON. Can be mounted horizontally or vertically on any 25 mm hole pattern of the door frame, enclosure frame or accessory profile.

**Material:** Polycarbonate.

**Pack quantity:** 10 pieces.

| Diameter | Item no. |
|----------|----------|
| 16       | CONH16   |
| 29       | CONH29   |
| 36       | CONH36   |
| 48       | CONH48   |



## Door switch, DSW

**Description:** Door switch to activate any electrical device (lighting, signalling, alarms, etc.). Can be mounted after installing the enclosure thereby keeping the door opening free. Fixed on the inside hole pattern of the enclosure's frame in floor standing enclosures. Cable entry M20.

**Switch capacity:** 3 A / 240 V.

**Approvals:** CE, cCSAus, CCC.

**Pack quantity:** 1 piece with mounting accessories.

| Item no. |
|----------|
| DSW01    |



## Universal keyboard trays, UKT

**Description:** Horizontal hinged keyboard tray with lateral sliding mouse pad (L.H. or R.H.). Equipped with panel stay. When the tray is folded out, the enclosure is sealed for dust ingress by a closed chamber.

**Material:** 1.75 mm steel plate.

**Finish:** RAL 7035 structured powder coating.

**Pack quantity:** 1 door with hinges, lock, keyboard mounting support, mouse pad and mounting accessories.

| H   | W   | Item no. |
|-----|-----|----------|
| 250 | 600 | UKT06R5  |
| 250 | 800 | UKT08R5  |



# Floor Standing Enclosures

## Steel Range

### Accessories | Full height doors

## Transparent aluminium windows, ADA

|                       |                                                                                                                                                                                        |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | Viewing window when used in combination with mounting kit ADAMK. The double-bit 3 mm lock can be replaced by any optional insert or handle. It increases the enclosure depth by 10 mm. |
| <b>Material:</b>      | Aluminium and 3 mm acrylic glass.                                                                                                                                                      |
| <b>Finish:</b>        | Anodised aluminium.                                                                                                                                                                    |
| <b>Protection:</b>    | Complies with IP 54.                                                                                                                                                                   |
| <b>Pack quantity:</b> | 1 viewing window.                                                                                                                                                                      |

| For enclosure |     | Viewing area |     | N° of locks | Item no. |
|---------------|-----|--------------|-----|-------------|----------|
| H             | W   | h            | w   |             |          |
| 300           | 300 | 226          | 226 | 1           | ADA03030 |
| 400           | 300 | 326          | 226 | 1           | ADA04030 |
| 400           | 400 | 326          | 326 | 1           | ADA04040 |
| 400           | 600 | 326          | 526 | 1           | ADA04060 |
| 500           | 300 | 426          | 226 | 1           | ADA05030 |
| 500           | 400 | 426          | 326 | 1           | ADA05040 |



## Transparent aluminium windows, ADAB

|                       |                                                                                                                                                                                  |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | Viewing window when used in combination with mounting kit ADABMK. The 3 mm DIN lock can be replaced by any optional insert or handle. It increases the enclosure depth in 35 mm. |
| <b>Material:</b>      | Aluminium and 3 mm acrylic glass.                                                                                                                                                |
| <b>Finish:</b>        | Anodised aluminium.                                                                                                                                                              |
| <b>Protection:</b>    | Complies with IP54.                                                                                                                                                              |
| <b>Pack quantity:</b> | 1 viewing window.                                                                                                                                                                |

| For enclosure |     | Viewing area |     | N° of locks | Item no.  |
|---------------|-----|--------------|-----|-------------|-----------|
| H             | W   | h            | w   |             |           |
| 600           | 400 | 522          | 322 | 2           | ADAB06040 |
| 600           | 600 | 522          | 522 | 2           | ADAB06060 |
| 600           | 800 | 522          | 722 | 2           | ADAB06080 |
| 700           | 500 | 622          | 422 | 2           | ADAB07050 |
| 800           | 600 | 722          | 522 | 2           | ADAB08060 |
| 1000          | 800 | 922          | 722 | 2           | ADAB10080 |
| 1200          | 600 | 1122         | 522 | 2           | ADAB12060 |
| 1200          | 800 | 1122         | 722 | 2           | ADAB12080 |



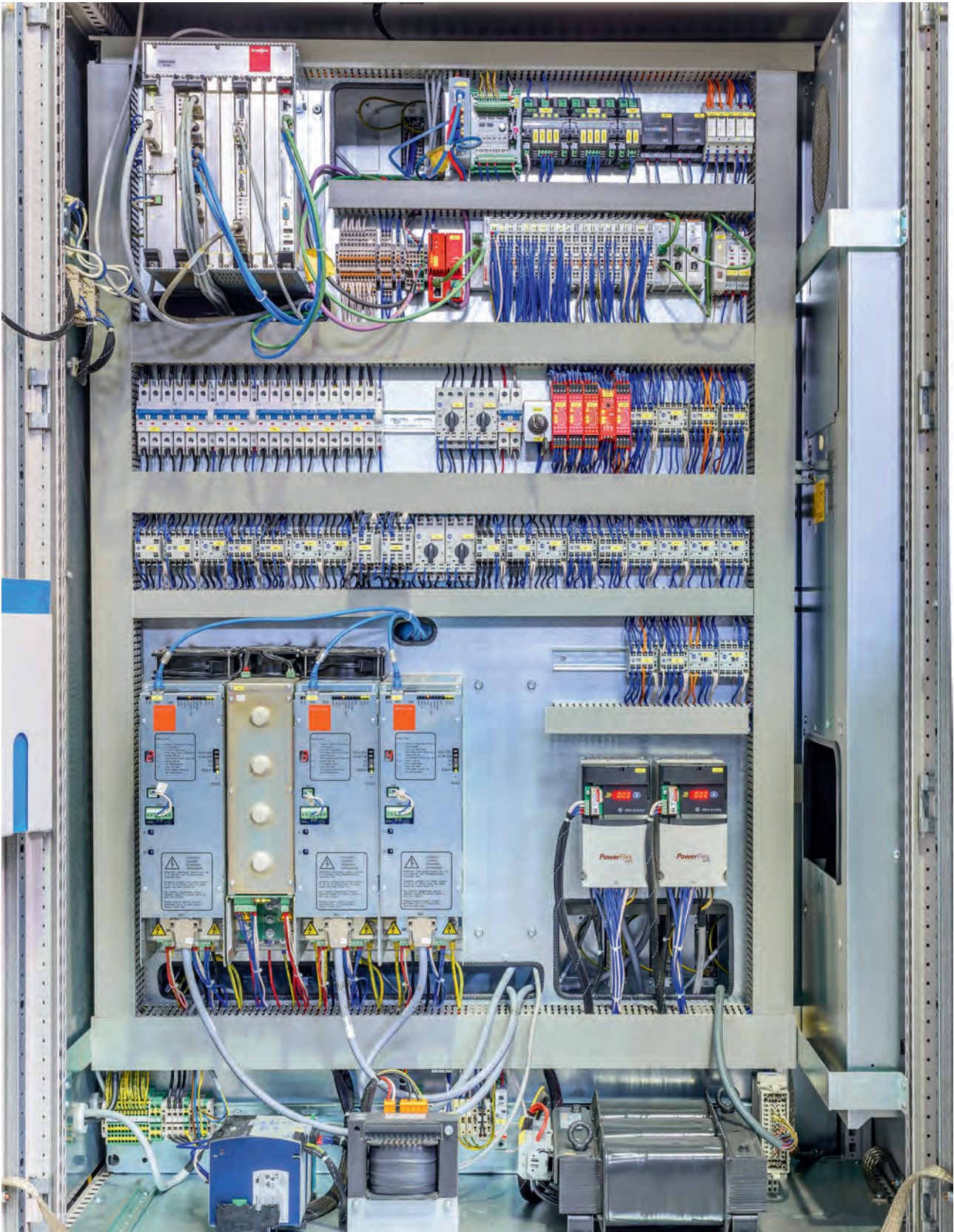
## Mounting kits, ADAMK/ADABMK

|                     |                                                                                                                                                                   |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b> | With this kit the glazed doors ADA/ADAB can be used as viewing windows on any enclosure surface, to provide protection for displays and other control components. |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| For  | Item no. |
|------|----------|
| ADA  | ADAMK    |
| ADAB | ADABMK   |







## Floor Standing Enclosures

### Steel Range

#### Accessories | Locking

## Locking systems for full height doors

Mild steel, combinable enclosures

## MCS / MCD

### Required accessories

## Page

|                                                     |                                                            |                                                                                                                         |                                                                                                                         |
|-----------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| STANDARD LOCK COVER                                 | Insert double bit 3 mm                                     | Additional accessories not required                                                                                     | N/A                                                                                                                     |
|                                                     | Other inserts available in Eldon's portfolio               | Inserts for standard lock cover, LI                                                                                     | 196                                                                                                                     |
| LIFT HANDLE FOR ROUND CYLINDERS, WITHOUT PADLOCKING | Square, triangle or double-bit insert                      | Lifting handle lock cover, LLH501N<br>Locking system insert for lift handles, LHC523/LHC524/LHC526/LHC527/LHC528/LHC529 | 196<br>197                                                                                                              |
|                                                     | Ronis key C21323                                           | Lifting handle lock cover, LLH501N<br>Locking system insert for lift handles, LHC522                                    | 196<br>197                                                                                                              |
|                                                     | Daimler Benz                                               | Lifting handle lock cover, LLH501N<br>Locking system insert for lift handles, LHC530                                    | 196<br>197                                                                                                              |
|                                                     | Push button                                                | Lifting handle lock cover, LLH501N<br>Locking system insert for lift handles, LHC536                                    | 196<br>197                                                                                                              |
|                                                     | Other key numbers available on request                     | Lifting handle lock cover, LLH501N<br>Locking system insert for lift handles, LHCXXX                                    | 196<br>197                                                                                                              |
|                                                     | LIFT HANDLE FOR ROUND CYLINDERS, WITH PADLOCKING           | Square, triangle or double-bit insert                                                                                   | Lifting handle lock cover, LLH503N<br>Locking system insert for lift handles, LHC523/LHC524/LHC526/LHC527/LHC528/LHC529 |
| Ronis key C21323                                    |                                                            | Lifting handle lock cover, LLH503N<br>Locking system insert for lift handles, LHC522                                    | 196<br>197                                                                                                              |
| Daimler Benz                                        |                                                            | Lifting handle lock cover, LLH503N<br>Locking system insert for lift handles, LHC530                                    | 196<br>197                                                                                                              |
| Push button                                         |                                                            | Lifting handle lock cover, LLH503N<br>Locking system insert for lift handles, LHC536                                    | 196<br>197                                                                                                              |
| Other key numbers available on request              |                                                            | Lifting handle lock cover, LLH503N<br>Locking system insert for lift handles, LHCXXX                                    | 196<br>197                                                                                                              |
| LIFT HANDLE FOR HALF CYLINDERS, WITHOUT PADLOCKING  |                                                            | Ronis key C21323                                                                                                        | Lifting handle lock cover, LLH502N<br>Locking system insert for lift handles, LHC521                                    |
|                                                     | Cover plate, MMG. Required when some cut-outs are not used | Lifting handle lock cover, LLH502N<br>Locking system insert for lift handles, LHC533                                    | 196<br>197                                                                                                              |



Mild steel, compact enclosures

**MKS / MKD**

| Required accessories                                                                                                                  | Page                     |
|---------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <i>Additional accessories not required</i>                                                                                            | <b>N/A</b>               |
| Inserts for standard lock cover, <b>LI</b>                                                                                            | <b>196</b>               |
| Lifting handle lock cover, <b>LLH501N</b><br>Locking system insert for lift handles, <b>LHC523/LHC524/LHC526/LHC527/LHC528/LHC529</b> | <b>197</b>               |
| Lifting handle lock cover, <b>LLH501N</b><br>Locking system insert for lift handles, <b>LHC522</b>                                    | <b>196</b><br><b>197</b> |
| Lifting handle lock cover, <b>LLH501N</b><br>Locking system insert for lift handles, <b>LHC530</b>                                    | <b>196</b><br><b>197</b> |
| Lifting handle lock cover, <b>LLH501N</b><br>Locking system insert for lift handles, <b>LHC536</b>                                    | <b>196</b><br><b>197</b> |
| Lifting handle lock cover, <b>LLH501N</b><br>Locking system insert for lift handles, <b>LHCXXX</b>                                    | <b>196</b><br><b>197</b> |
| Lifting handle lock cover, <b>LLH503N</b><br>Locking system insert for lift handles, <b>LHC523/LHC524/LHC526/LHC527/LHC528/LHC529</b> | <b>196</b><br><b>197</b> |
| Lifting handle lock cover, <b>LLH503N</b><br>Locking system insert for lift handles, <b>LHC522</b>                                    | <b>196</b><br><b>197</b> |
| Lifting handle lock cover, <b>LLH503N</b><br>Locking system insert for lift handles, <b>LHC530</b>                                    | <b>196</b><br><b>197</b> |
| Lifting handle lock cover, <b>LLH503N</b><br>Locking system insert for lift handles, <b>LHC536</b>                                    | <b>196</b><br><b>197</b> |
| Lifting handle lock cover, <b>LLH503N</b><br>Locking system insert for lift handles, <b>LHCXXX</b>                                    | <b>196</b><br><b>197</b> |
| Lifting handle lock cover, <b>LLH502N</b><br>Locking system insert for lift handles, <b>LHC521</b>                                    | <b>196</b><br><b>197</b> |
| Lifting handle lock cover, <b>LLH502N</b><br>Locking system insert for lift handles, <b>LHC533</b>                                    | <b>196</b><br><b>197</b> |

Stainless steel, combinable enclosures

**MCSS / MCDS**

| Required accessories                                                                                                                                | Page                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <i>Additional accessories not required</i>                                                                                                          | <b>N/A</b>               |
| Inserts for standard lock cover, <b>LI</b>                                                                                                          | <b>196</b>               |
| Lifting handle lock cover, <b>LLHS501N</b><br>Locking system insert for lift handles, <b>LHC523/LHC524/LHC526/LHC527/LHC528/LHC529</b>              | <b>197</b>               |
| Lifting handle lock cover, <b>LLHS501N</b><br>Locking system insert for lift handles, <b>LHC522</b>                                                 | <b>197</b>               |
| Lifting handle lock cover, <b>LLHS501N</b><br>Locking system insert for lift handles, <b>LHC530</b>                                                 | <b>197</b>               |
| Lifting handle lock cover, <b>LLHS501N</b><br>Locking system insert for lift handles, <b>LHC536</b>                                                 | <b>197</b>               |
| Lifting handle lock cover, <b>LLHS501N</b><br>Locking system insert for lift handles, <b>LHCXXX</b>                                                 | <b>197</b>               |
| Lifting handle lock cover, <b>LLH503N</b><br>Locking system insert for lift handles, <b>LHC523/LHC524/LHC526/LHC527/LHC528/LHC529</b><br>* RAL 5013 | <b>196</b><br><b>197</b> |
| Lifting handle lock cover, <b>LLH503N</b><br>Locking system insert for lift handles, <b>LHC522</b><br>* RAL 5013                                    | <b>196</b><br><b>197</b> |
| Lifting handle lock cover, <b>LLH503N</b><br>Locking system insert for lift handles, <b>LHC530</b><br>* RAL 5013                                    | <b>196</b><br><b>197</b> |
| Lifting handle lock cover, <b>LLH503N</b><br>Locking system insert for lift handles, <b>LHC536</b><br>* RAL 5013                                    | <b>196</b><br><b>197</b> |
| Lifting handle lock cover, <b>LLH503N</b><br>Locking system insert for lift handles, <b>LHCXXX</b><br>* RAL 5013                                    | <b>196</b><br><b>197</b> |
| Lifting handle lock cover, <b>LLHS502N</b><br>Locking system insert for lift handles, <b>LHC521</b>                                                 | <b>197</b>               |
| Lifting handle lock cover, <b>LLHS502N</b><br>Locking system insert for lift handles, <b>LHC533</b>                                                 | <b>197</b>               |

Stainless steel, compact enclosures

**EKSS / EKDS**

| Required accessories                                                                                                                                | Page                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <i>Additional accessories not required</i>                                                                                                          | <b>N/A</b>               |
| Inserts for standard lock cover, <b>LI</b>                                                                                                          | <b>196</b>               |
| Lifting handle lock cover, <b>LLHS501N</b><br>Locking system insert for lift handles, <b>LHC523/LHC524/LHC526/LHC527/LHC528/LHC529</b>              | <b>197</b>               |
| Lifting handle lock cover, <b>LLHS501N</b><br>Locking system insert for lift handles, <b>LHC522</b>                                                 | <b>197</b>               |
| Lifting handle lock cover, <b>LLHS501N</b><br>Locking system insert for lift handles, <b>LHC530</b>                                                 | <b>197</b>               |
| Lifting handle lock cover, <b>LLHS501N</b><br>Locking system insert for lift handles, <b>LHC536</b>                                                 | <b>197</b>               |
| Lifting handle lock cover, <b>LLHS501N</b><br>Locking system insert for lift handles, <b>LHCXXX</b>                                                 | <b>197</b>               |
| Lifting handle lock cover, <b>LLH503N</b><br>Locking system insert for lift handles, <b>LHC523/LHC524/LHC526/LHC527/LHC528/LHC529</b><br>* RAL 5013 | <b>196</b><br><b>197</b> |
| Lifting handle lock cover, <b>LLH503N</b><br>Locking system insert for lift handles, <b>LHC522</b><br>* RAL 5013                                    | <b>196</b><br><b>197</b> |
| Lifting handle lock cover, <b>LLH503N</b><br>Locking system insert for lift handles, <b>LHC530</b><br>* RAL 5013                                    | <b>196</b><br><b>197</b> |
| Lifting handle lock cover, <b>LLH503N</b><br>Locking system insert for lift handles, <b>LHC536</b><br>* RAL 5013                                    | <b>196</b><br><b>197</b> |
| Lifting handle lock cover, <b>LLH503N</b><br>Locking system insert for lift handles, <b>LHCXXX</b><br>* RAL 5013                                    | <b>196</b><br><b>197</b> |
| Lifting handle lock cover, <b>LLHS502N</b><br>Locking system insert for lift handles, <b>LHC521</b>                                                 | <b>197</b>               |
| Lifting handle lock cover, <b>LLHS502N</b><br>Locking system insert for lift handles, <b>LHC533</b>                                                 | <b>197</b>               |

# Floor Standing Enclosures

## Steel Range

### Accessories | Locking

#### Locking systems for full height doors

Mild steel, combinable enclosures

#### MCS / MCD

|                                                           |                                                      | Required accessories                                                                                    | Page       |
|-----------------------------------------------------------|------------------------------------------------------|---------------------------------------------------------------------------------------------------------|------------|
| <b>LIFT HANDLE FOR HALF CYLINDERS, WITHOUT PADLOCKING</b> | <b>Ronis key 2132E</b>                               | Lifting handle lock cover, <b>LLH502N</b><br>Locking system insert for lift handles, <b>LHC5212132E</b> | 196<br>197 |
|                                                           | <b>Ronis key 3121E</b>                               | Lifting handle lock cover, <b>LLH502N</b><br>Locking system insert for lift handles, <b>LHC5213121E</b> | 196<br>197 |
|                                                           | <b>Adapter for ASSA Abloy and TrioVing cylinders</b> | Lifting handle lock cover, <b>LLH502N</b><br>Locking system insert for lift handles, <b>LHC535</b>      | 196<br>197 |
|                                                           | <b>Adapter for Ronis half cylinders</b>              | Lifting handle lock cover, <b>LLH502N</b><br>Locking system insert for lift handles, <b>LHC534</b>      | 196<br>197 |
|                                                           | <b>Other key numbers available on request</b>        | Lifting handle lock cover, <b>LLH502N</b><br>Locking system insert for lift handles, <b>LHCXXX</b>      | 196<br>197 |
| <b>LIFT HANDLE FOR HALF CYLINDERS, WITH PADLOCKING</b>    | <b>Ronis key C21323</b>                              | Lifting handle lock cover, <b>LLH504N</b><br>Locking system insert for lift handles, <b>LHC521</b>      | 196<br>197 |
|                                                           | <b>Cylinder N°E1 (VW), key excluded</b>              | Lifting handle lock cover, <b>LLH504N</b><br>Locking system insert for lift handles, <b>LHC533</b>      | 196<br>197 |
|                                                           | <b>Ronis key C2132E</b>                              | Lifting handle lock cover, <b>LLH504N</b><br>Locking system insert for lift handles, <b>LHC5212132E</b> | 196<br>197 |
|                                                           | <b>Ronis key C3121E</b>                              | Lifting handle lock cover, <b>LLH504N</b><br>Locking system insert for lift handles, <b>LHC5213121E</b> | 196<br>197 |
|                                                           | <b>Adapter for ASSA Abloy and TrioVing cylinders</b> | Lifting handle lock cover, <b>LLH504N</b><br>Locking system insert for lift handles, <b>LHC535</b>      | 196<br>197 |
|                                                           | <b>Adapter for Ronis half cylinders</b>              | Lifting handle lock cover, <b>LLH504N</b><br>Locking system insert for lift handles, <b>LHC534</b>      | 196<br>197 |
|                                                           | <b>Other key numbers available on request</b>        | Lifting handle lock cover, <b>LLH504N</b><br>Locking system insert for lift handles, <b>LHCXXX</b>      | 196<br>197 |
| <b>T-HANDLE</b>                                           | <b>Without cylinder</b>                              | T-handle, <b>LLTH560CEN</b>                                                                             | 198        |
|                                                           | <b>Ronis key C21323</b>                              | T-handle, <b>LLTH560</b>                                                                                | 198        |
|                                                           | <b>Ronis key C2132E</b>                              | T-handle, <b>LLTH5602132EN</b>                                                                          | 198        |
|                                                           | <b>Ronis key C3121E</b>                              | T-handle, <b>LLTH5603121EN</b>                                                                          | 198        |
|                                                           | <b>Ronis key C3524E</b>                              | T-handle, <b>LLTH5603524EN</b>                                                                          | 198        |

## Mild steel, compact enclosures

## MKS / MKD

| Required accessories                                                                                    | Page       |
|---------------------------------------------------------------------------------------------------------|------------|
| Lifting handle lock cover, <b>LLH502N</b><br>Locking system insert for lift handles, <b>LHC5212132E</b> | 196<br>197 |
| Lifting handle lock cover, <b>LLH502N</b><br>Locking system insert for lift handles, <b>LHC5213121E</b> | 196<br>197 |
| Lifting handle lock cover, <b>LLH502N</b><br>Locking system insert for lift handles, <b>LHC535</b>      | 196<br>197 |
| Lifting handle lock cover, <b>LLH502N</b><br>Locking system insert for lift handles, <b>LHC534</b>      | 196<br>197 |
| Lifting handle lock cover, <b>LLH502N</b><br>Locking system insert for lift handles, <b>LHCXXX</b>      | 196<br>197 |
| Lifting handle lock cover, <b>LLH504N</b><br>Locking system insert for lift handles, <b>LHC521</b>      | 196<br>197 |
| Lifting handle lock cover, <b>LLH504N</b><br>Locking system insert for lift handles, <b>LHC533</b>      | 196<br>197 |
| Lifting handle lock cover, <b>LLH504N</b><br>Locking system insert for lift handles, <b>LHC5212132E</b> | 196<br>197 |
| Lifting handle lock cover, <b>LLH504N</b><br>Locking system insert for lift handles, <b>LHC5213121E</b> | 196<br>197 |
| Lifting handle lock cover, <b>LLH504N</b><br>Locking system insert for lift handles, <b>LHC535</b>      | 196<br>197 |
| Lifting handle lock cover, <b>LLH504N</b><br>Locking system insert for lift handles, <b>LHC534</b>      | 196<br>197 |
| Lifting handle lock cover, <b>LLH504N</b><br>Locking system insert for lift handles, <b>LHCXXX</b>      | 196<br>197 |
| T-handle, <b>LLTH560CEN</b>                                                                             | 198        |
| T-handle, <b>LLTH560N</b>                                                                               | 198        |
| T-handle, <b>LLTH5602132EN</b>                                                                          | 198        |
| T-handle, <b>LLTH5603121EN</b>                                                                          | 198        |
| T-handle, <b>LLTH5603524EN</b>                                                                          | 198        |

## Stainless steel, combinable enclosures

## MCSS / MCDS

| Required accessories                                                                                                  | Page       |
|-----------------------------------------------------------------------------------------------------------------------|------------|
| Lifting handle lock cover, <b>LLHS502N</b><br>Locking system insert for lift handles, <b>LHC5212132E</b>              | 197<br>197 |
| Lifting handle lock cover, <b>LLHS502N</b><br>Locking system insert for lift handles, <b>LHC5213121E</b>              | 197<br>197 |
| Lifting handle lock cover, <b>LLHS502N</b><br>Locking system insert for lift handles, <b>LHC535</b>                   | 197<br>197 |
| Lifting handle lock cover, <b>LLHS502N</b><br>Locking system insert for lift handles, <b>LHC534</b>                   | 197<br>197 |
| Lifting handle lock cover, <b>LLHS502N</b><br>Locking system insert for lift handles, <b>LHCXXX</b>                   | 197<br>197 |
| Lifting handle lock cover, <b>LLH504N</b><br>Locking system insert for lift handles, <b>LHC521</b><br>* RAL 5013      | 196<br>197 |
| Lifting handle lock cover, <b>LLH504N</b><br>Locking system insert for lift handles, <b>LHC533</b><br>* RAL 5013      | 196<br>197 |
| Lifting handle lock cover, <b>LLH504N</b><br>Locking system insert for lift handles, <b>LHC5212132E</b><br>* RAL 5013 | 196<br>197 |
| Lifting handle lock cover, <b>LLH504N</b><br>Locking system insert for lift handles, <b>LHC5213121E</b><br>* RAL 5013 | 196<br>197 |
| Lifting handle lock cover, <b>LLH504N</b><br>Locking system insert for lift handles, <b>LHC535</b><br>* RAL 5013      | 196<br>197 |
| Lifting handle lock cover, <b>LLH504N</b><br>Locking system insert for lift handles, <b>LHC534</b><br>* RAL 5013      | 196<br>197 |
| Lifting handle lock cover, <b>LLH504N</b><br>Locking system insert for lift handles, <b>LHCXXX</b><br>* RAL 5013      | 196<br>197 |
| T-handle, <b>LLTH560CEN</b><br>* RAL 5013                                                                             | 198        |
| T-handle, <b>LLTH560N</b><br>* RAL 5013                                                                               | 198        |
| T-handle, <b>LLTH5602132EN</b><br>* RAL 5013                                                                          | 198        |
| T-handle, <b>LLTH5603121EN</b><br>* RAL 5013                                                                          | 198        |
| T-handle, <b>LLTH5603524EN</b><br>* RAL 5013                                                                          | 198        |

## Stainless steel, compact enclosures

## EKSS / EKDS

| Required accessories                                                                                                  | Page       |
|-----------------------------------------------------------------------------------------------------------------------|------------|
| Lifting handle lock cover, <b>LLHS502N</b><br>Locking system insert for lift handles, <b>LHC5212132E</b>              | 197<br>197 |
| Lifting handle lock cover, <b>LLHS502N</b><br>Locking system insert for lift handles, <b>LHC5213121E</b>              | 197<br>197 |
| Lifting handle lock cover, <b>LLHS502N</b><br>Locking system insert for lift handles, <b>LHC535</b>                   | 197<br>197 |
| Lifting handle lock cover, <b>LLHS502N</b><br>Locking system insert for lift handles, <b>LHC534</b>                   | 197<br>197 |
| Lifting handle lock cover, <b>LLHS502N</b><br>Locking system insert for lift handles, <b>LHCXXX</b>                   | 197<br>197 |
| Lifting handle lock cover, <b>LLH504N</b><br>Locking system insert for lift handles, <b>LHC521</b><br>* RAL 5013      | 196<br>197 |
| Lifting handle lock cover, <b>LLH504N</b><br>Locking system insert for lift handles, <b>LHC533</b><br>* RAL 5013      | 196<br>197 |
| Lifting handle lock cover, <b>LLH504N</b><br>Locking system insert for lift handles, <b>LHC5212132E</b><br>* RAL 5013 | 196<br>197 |
| Lifting handle lock cover, <b>LLH504N</b><br>Locking system insert for lift handles, <b>LHC5213121E</b><br>* RAL 5013 | 196<br>197 |
| Lifting handle lock cover, <b>LLH504N</b><br>Locking system insert for lift handles, <b>LHC535</b><br>* RAL 5013      | 196<br>197 |
| Lifting handle lock cover, <b>LLH504N</b><br>Locking system insert for lift handles, <b>LHC534</b><br>* RAL 5013      | 196<br>197 |
| Lifting handle lock cover, <b>LLH504N</b><br>Locking system insert for lift handles, <b>LHCXXX</b><br>* RAL 5013      | 196<br>197 |
| T-handle, <b>LLTH560CEN</b><br>* RAL 5013                                                                             | 198        |
| T-handle, <b>LLTH560N</b><br>* RAL 5013                                                                               | 198        |
| T-handle, <b>LLTH5602132EN</b><br>* RAL 5013                                                                          | 198        |
| T-handle, <b>LLTH5603121EN</b><br>* RAL 5013                                                                          | 198        |
| T-handle, <b>LLTH5603524EN</b><br>* RAL 5013                                                                          | 198        |

# Floor Standing Enclosures

## Steel Range

### Accessories | Locking

#### Locking systems for partial doors

Mild steel, combinable enclosures

#### MCS / MCD

|                     |                                                                      | Required accessories                         | Page |
|---------------------|----------------------------------------------------------------------|----------------------------------------------|------|
| STANDARD LOCK COVER | Insert double bit 3 mm                                               | <i>Additional accessories not required</i>   | N/A  |
|                     | Other inserts available in Eldon's portfolio                         | Inserts for standard lock cover, <b>ALIS</b> | 328  |
| KEY LOCK            | Chrome plated lock with cylinder, Ronis key M21323                   | Key lock, <b>ALL508</b>                      | 328  |
|                     | Polyamide lock with cylinder, key 5333                               | Key lock, <b>ALL509</b>                      | 328  |
|                     | Polyamide Eldon lock with cylinder, Ronis key M21323                 | Key lock, <b>ALL510N</b>                     | 328  |
| HANDLE              | Plastic handle                                                       | Handle, <b>ALT560</b>                        | 329  |
|                     | Chrome plated T-handle with cylinder, key M21323                     | Handle, <b>ALT561</b>                        | 329  |
|                     | Chrome plated handle with cylinder, key M21323                       | Handle, <b>ALT562</b>                        | 329  |
|                     | Plastic handle with cylinder, key 5333                               | Handle, <b>ALT563</b>                        | 329  |
| PADLOCKING          | Padlocking cover to be used with the standard lock cover or key lock | Padlocking, <b>PLC01</b>                     | 329  |

Mild steel, compact enclosures

Stainless steel, combinable enclosures

Stainless steel, compact enclosures

**MKS / MKD****MCSS / MCDS****EKSS / EKDS**

| Required accessories                         | Page       | Required accessories | Page       | Required accessories | Page       |
|----------------------------------------------|------------|----------------------|------------|----------------------|------------|
| <i>Additional accessories not required</i>   | <b>N/A</b> | <i>Not available</i> | <b>N/A</b> | <i>Not available</i> | <b>N/A</b> |
| Inserts for standard lock cover, <b>ALIS</b> | <b>328</b> | <i>Not available</i> | <b>N/A</b> | <i>Not available</i> | <b>N/A</b> |
| Key lock, <b>ALL508</b>                      | <b>328</b> | <i>Not available</i> | <b>N/A</b> | <i>Not available</i> | <b>N/A</b> |
| Key lock, <b>ALL509</b>                      | <b>328</b> | <i>Not available</i> | <b>N/A</b> | <i>Not available</i> | <b>N/A</b> |
| Key lock, <b>ALL510N</b>                     | <b>328</b> | <i>Not available</i> | <b>N/A</b> | <i>Not available</i> | <b>N/A</b> |
| Handle, <b>ALT560</b>                        | <b>329</b> | <i>Not available</i> | <b>N/A</b> | <i>Not available</i> | <b>N/A</b> |
| Handle, <b>ALT561</b>                        | <b>329</b> | <i>Not available</i> | <b>N/A</b> | <i>Not available</i> | <b>N/A</b> |
| Handle, <b>ALT562</b>                        | <b>329</b> | <i>Not available</i> | <b>N/A</b> | <i>Not available</i> | <b>N/A</b> |
| Handle, <b>ALT563</b>                        | <b>329</b> | <i>Not available</i> | <b>N/A</b> | <i>Not available</i> | <b>N/A</b> |
| Padlocking, <b>PLC01</b>                     | <b>329</b> | <i>Not available</i> | <b>N/A</b> | <i>Not available</i> | <b>N/A</b> |

# Floor Standing Enclosures

## Steel Range

### Accessories | Locking

#### Keys

Mild steel, combinable enclosures

| MCS / MCD            |                                                                                   |                   |      |
|----------------------|-----------------------------------------------------------------------------------|-------------------|------|
| Required accessories |                                                                                   |                   | Page |
| KEYS                 | Plastic double-bit 3 mm key                                                       | Key, LSK502       | 198  |
|                      | Metallic double-bit 3 mm key                                                      | Key, LSK503       | 198  |
|                      | Metallic double-bit 5 mm key                                                      | Key, LSK505       | 198  |
|                      | Metallic square 7 mm key                                                          | Key, LSK523       | 198  |
|                      | Metallic square 8 mm key                                                          | Key, LSK524       | 198  |
|                      | Metallic triangle 7 mm key                                                        | Key, LSK526       | 198  |
|                      | Metallic triangle 8 mm key                                                        | Key, LSK527       | 198  |
|                      | Multi key with double-bit 5 mm, square 8 mm, triangle 8 mm, and hexagonal adaptor | Multi key, LSMK01 | 198  |

Mild steel, compact enclosures

**MKS / MKD**

| Required accessories | Page |
|----------------------|------|
| Key, LSK502          | 198  |
| Key, LSK503          | 198  |
| Key, LSK505          | 198  |
| Key, LSK523          | 198  |
| Key, LSK524          | 198  |
| Key, LSK526          | 198  |
| Key, LSK527          | 198  |
| Multi key, LSMK01    | 198  |

Stainless steel, combinable enclosures

**MCSS / MCDS**

| Required accessories | Page |
|----------------------|------|
| Key, LSK502          | 198  |
| Key, LSK503          | 198  |
| Key, LSK505          | 198  |
| Key, LSK523          | 198  |
| Key, LSK524          | 198  |
| Key, LSK526          | 198  |
| Key, LSK527          | 198  |
| Multi key, LSMK01    | 198  |

Stainless steel, compact enclosures

**EKSS / EKDS**

| Required accessories | Page |
|----------------------|------|
| Key, LSK502          | 198  |
| Key, LSK503          | 198  |
| Key, LSK505          | 198  |
| Key, LSK523          | 198  |
| Key, LSK524          | 198  |
| Key, LSK526          | 198  |
| Key, LSK527          | 198  |
| Multi key, LSMK01    | 198  |



# Floor Standing Enclosures

## Steel Range

### Accessories | Locking

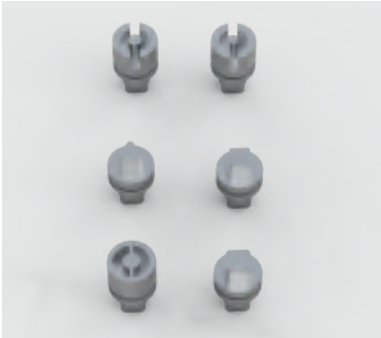
## Inserts, LI

**Description:** Inserts to replace the standard double-bit 3 mm insert in the standard lock cover.

**Material:** Zamak.

**Pack quantity:** 1 piece.

| Description     | Item no. |
|-----------------|----------|
| Double-bit 3 mm | LI503    |
| Double-bit 5 mm | LI505    |
| Square 7 mm     | LI523    |
| Square 8 mm     | LI524    |
| Triangular 7 mm | LI526    |
| Triangular 8 mm | LI527    |
| Daimler Benz    | LI530    |



## Lift handle lock covers, LLH

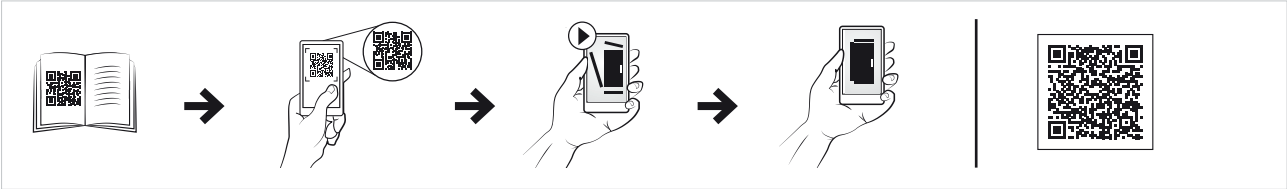
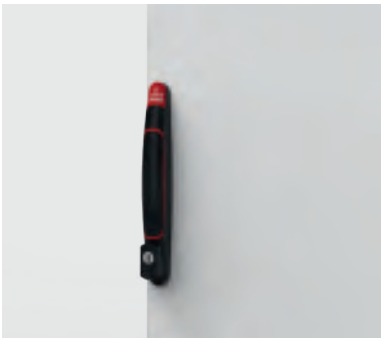
**Description:** Lift handle for LHC locking inserts/half cylinders.

**Material:** Zamak.

**Pack quantity:** 1 lift handle.

**Mounting requirements:** Add LHC inserts/half cylinders when required.

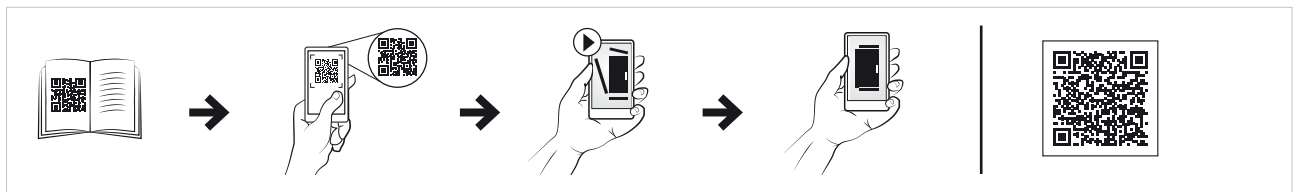
| Description        | Finish   | Compatible inserts                                                             | Item no. |
|--------------------|----------|--------------------------------------------------------------------------------|----------|
| Without padlocking | RAL 9005 | LHC522 / LHC523 / LHC524 / LHC526 / LHC527 / LHC528 / LHC529 / LHC530 / LHC536 | LLH501N  |
| Without padlocking | RAL 9005 | LHC533 / LHC534 / LHC535 / LHC5212132E / LHC5213121E                           | LLH502N  |
| With padlocking    | RAL 9005 | LHC522 / LHC523 / LHC524 / LHC526 / LHC527 / LHC528 / LHC529 / LHC530 / LHC536 | LLH503N  |
| With padlocking    | RAL 9005 | LHC533 / LHC534 / LHC535 / LHC5212132E / LHC5213121E                           | LLH504   |



## Lift handle lock covers, LLHS

- Description:** Lift handle for LHC locking inserts/half cylinders.
- Material:** Zamak.
- Pack quantity:** 1 lift handle.
- Mounting requirements:** Add LHC inserts/half cylinders when required.

| Description        | Finish | Compatible inserts                                                             | Item no. |
|--------------------|--------|--------------------------------------------------------------------------------|----------|
| Without padlocking | Chrome | LHC522 / LHC523 / LHC524 / LHC526 / LHC527 / LHC528 / LHC529 / LHC530 / LHC536 | LLHS501N |
| Without padlocking | Chrome | LHC533 / LHC534 / LHC535 / LHC5212132E / LHC5213121E                           | LLHS502N |



## Locking system for lift handles, LHC

- Description:** Profile half cylinder locks. To be used in the lift handles LHC.
- Pack quantity:** 1 piece.

| Description                                         | Compatible handle        | Item no.    |
|-----------------------------------------------------|--------------------------|-------------|
| Profile half cylinder Ronis key C21323              | LLH502N/LLHS502N/LLH504N | LHC521      |
| Round cylinder Ronis key C21323                     | LLH501N/LLHS501N/LLH503N | LHC522      |
| Square 7 mm                                         | LLH501N/LLHS501N/LLH503N | LHC523      |
| Square 8 mm                                         | LLH501N/LLHS501N/LLH503N | LHC524      |
| Triangle 7 mm                                       | LLH501N/LLHS501N/LLH503N | LHC526      |
| Triangle 8 mm                                       | LLH501N/LLHS501N/LLH503N | LHC527      |
| Double-bit 3 mm                                     | LLH501N/LLHS501N/LLH503N | LHC528      |
| Double-bit 5 mm                                     | LLH501N/LLHS501N/LLH503N | LHC529      |
| Daimler Benz                                        | LLH501N/LLHS501N/LLH503N | LHC530      |
| Cylinder N°E1 (VW), key excluded                    | LLH502N/LLHS502N/LLH504N | LHC533      |
| Adapter for other profile half cylinders (DIN18252) | LLH502N/LLHS502N/LLH504N | LHC534      |
| Adapter for ASSA ABLOY and Trioving cylinders       | LLH502N/LLHS502N/LLH504N | LHC535      |
| Push button only                                    | LLH501N/LLHS501N/LLH503N | LHC536      |
| Profile half cylinder Ronis key 2132E               | LLH502N/LLHS502N/LLH504N | LHC5212132E |
| Profile half cylinder Ronis key 3121E               | LLH502N/LLHS502N/LLH504N | LHC5213121E |



- \* Other key numbers available on request.
- \*\* Key numbers 333, 1333, EK333 and GX130 are equal.
- \*\*\* Order separate key LSMK for Square 8 mm and Triangle 8 mm.

# Floor Standing Enclosures

## Steel Range

### Accessories | Locking

## T-handles, LLTH

**Description:** T-handle with or without Ronis cylinder lock.

**Material:** Handle: plastic. Lock: steel.

**Pack quantity:** 1 piece.

| Description                        | Item no.      |
|------------------------------------|---------------|
| Without cylinder                   | LLTH560CEN    |
| With Ronis cylinder key nr. C21323 | LLTH560N      |
| With Ronis cylinder key nr. 2132E  | LLTH5602132EN |
| With Ronis cylinder key nr. 3121E  | LLTH5603121EN |
| With Ronis cylinder key nr. 3524E  | LLTH5603524EN |



## Keys, LSK

**Description:** Key with nVent HOFFMAN logo. Easy to use design, providing a good grip.

**Pack quantity:** 1 piece.

| Description     | Material | Item no. |
|-----------------|----------|----------|
| Double-bit 3 mm | Plastic  | LSK502   |
| Double-bit 3 mm | Metalic  | LSK503   |
| Double-bit 5 mm | Metalic  | LSK505   |
| Square 7 mm     | Metalic  | LSK523   |
| Square 8 mm     | Metalic  | LSK524   |
| Triangle 7 mm   | Metalic  | LSK526   |
| Triangle 8 mm   | Metalic  | LSK527   |



## Multi key, LSMK

**Description:** Multi-Key function with nVent HOFFMAN logo and a different key in every end: double-bit 5 mm, square 8 mm, triangle 8 mm and a standard hexagonal adaptor to use with the screw ends.

**Material:** Steel.

**Pack quantity:** 1 piece.

| Item no. |
|----------|
| LSMK01   |



# 01

## Floor Standing Enclosures

1

# Floor Standing Enclosures

## Steel Range

### Accessories | Interlocking system

#### Interlocking system

Mild steel, combinable enclosures

#### MCS / MCD

|                                                |                                 | Required accessories                                                                                                                                                                                                                                                                                                                           | Page                                                                           |
|------------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| <b>ASSEMBLY WITH FLANGE MOUNT DISCONNECT</b>   | <b>Single enclosure</b>         | Flange mount disconnect floor standing enclosure, <b>MCF</b><br>Main door interlock kit, <b>FMD</b>                                                                                                                                                                                                                                            | <b>36</b><br><b>202</b>                                                        |
|                                                | <b>Bayed enclosure assembly</b> | Flange mount disconnect floor standing enclosure, <b>MCF</b><br>Additional slave enclosures, <b>MCS</b><br>Main door interlock kit, <b>FMD</b><br>System actuator, <b>FMA*</b><br>*One per master door<br>Interlock bar, <b>FMB**</b><br>**One per slave door (same width)<br>Slave door interlock kit, <b>FMS***</b><br>***One per slave door | <b>36</b><br><b>12</b><br><b>202</b><br><b>202</b><br><b>203</b><br><b>203</b> |
| <b>DOOR INTERLOCKING FOR TWO DOORS OR MORE</b> | <b>Bayed enclosure assembly</b> | Main enclosure, <b>MCS/MCD</b><br>Slave enclosures, <b>MCS/MCD</b><br>System actuator, <b>FMA*</b><br>*One per master door<br>Interlock bar, <b>FMB**</b><br>**One per slave door (same width)<br>Slave door interlock kit, <b>FMS***</b><br>***One per slave door                                                                             | <b>12</b><br><b>12</b><br><b>202</b><br><b>203</b><br><b>203</b>               |

Mild steel, compact enclosures

Stainless steel, combinable enclosures

Stainless steel, compact enclosures

**MKS / MKD****MCSS / MCDS****EKSS / EKDS**

| Required accessories | Page | Required accessories                                                                                                                                                                                                                                                   | Page                                  | Required accessories | Page |
|----------------------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|----------------------|------|
| Not available        | N/A  | Not available                                                                                                                                                                                                                                                          | N/A                                   | Not available        | N/A  |
| Not available        | N/A  | Not available                                                                                                                                                                                                                                                          | N/A                                   | Not available        | N/A  |
| Not available        | N/A  | Main enclosure, <b>MCSS/MCDS</b><br>Slave enclosures, <b>MCSS/MCDS</b><br>System actuator, <b>FMA*</b><br>*One per master door<br>Interlock bar, <b>FMB**</b><br>**One per slave door (same width)<br>Slave door interlock kit, <b>FMS***</b><br>***One per slave door | 60<br>60<br>202<br><br>203<br><br>203 | Not available        | N/A  |

# Floor Standing Enclosures

## Steel Range

### Accessories | Interlocking system

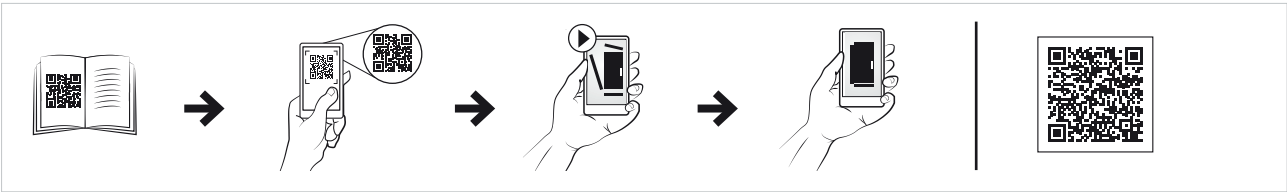
#### Main door interlock kit, FMD

**Description:** Locks or releases the main door after the power has been switched. Universal adapter permits all popular manufacturers variable depth actuators without modification.

**Material:** Zinc plated steel.

**Pack quantity:** 1 piece with mounting material.

| Item no. |
|----------|
| FMD01    |



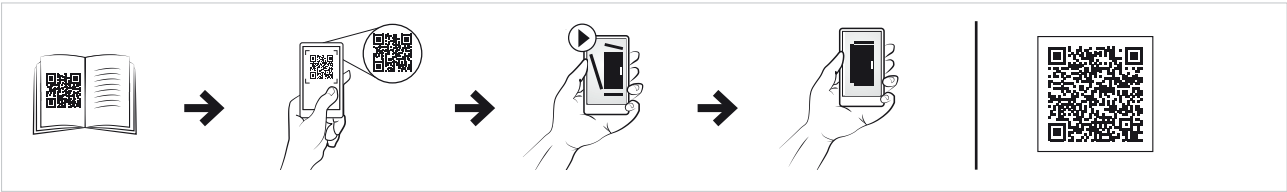
#### System actuator, FMA

**Description:** Used with suited multiple enclosure installations. Activates the locking of the slave doors when the master door is closed. One per master door.

**Material:** Zinc plated steel.

**Pack quantity:** 1 piece with mounting material.

| Item no. |
|----------|
| FMA01    |





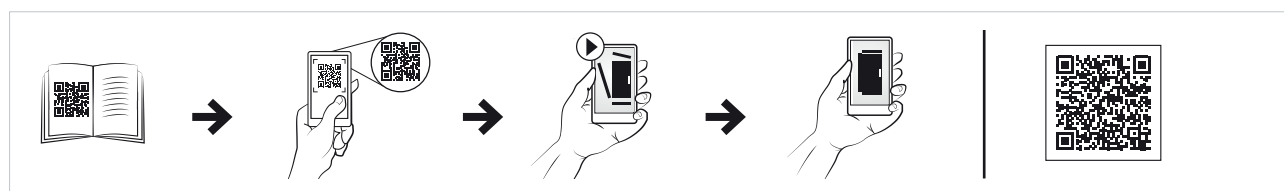
## Interlock bars, FMB

**Description:** For MCF/MCS enclosures. Interlock rods mechanically link all slave doors to the master door. Rod length corresponds to enclosure door width.

**Material:** Zinc plated steel.

**Pack quantity:** 5 pieces with mounting material.

| W    | Item no. |
|------|----------|
| 600  | FMB600   |
| 800  | FMB800   |
| 1000 | FMB1000  |
| 1200 | FMB1200  |



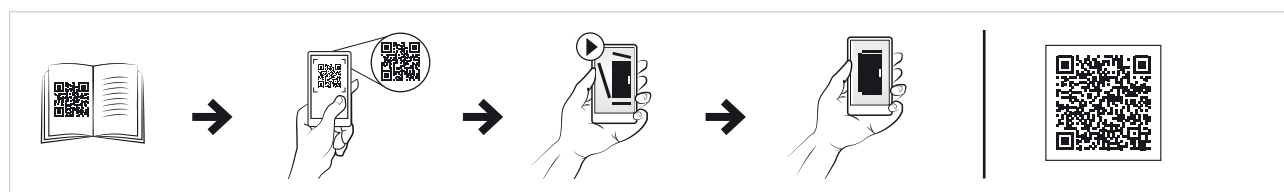
## Slave door interlock kit, FMS

**Description:** Mounted to the slave door of both single and double door enclosures. Slave door is prevented from opening when master door is closed. This safety feature can be activated separately even when the main door interlocking device is not installed. One set per slave door is needed.

**Material:** Zinc plated steel.

**Pack quantity:** 1 set with mounting material.

| Item no. |
|----------|
| FMS01    |



# Floor Standing Enclosures

## Steel Range

### Accessories | Partial doors

#### Partial doors

Mild steel, combinable enclosures

#### MCS / MCD

|                                                                     |                                                                        | Required accessories                                                                                                                                                                                                                                                                                                                                                                                                            | Page                            |
|---------------------------------------------------------------------|------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| <b>VERTICAL DIVISION</b>                                            | <b>Vertical division with front hole pattern</b>                       | Vertical dividers, <b>CDV</b>                                                                                                                                                                                                                                                                                                                                                                                                   | 206                             |
|                                                                     | <b>Vertical division with front and rear hole pattern</b>              | Vertical dividers, <b>CDV</b><br>Vertical dividing bars, <b>VB</b><br>One piece<br>Fixing brackets, <b>VBK</b>                                                                                                                                                                                                                                                                                                                  | 206<br>115<br>115               |
|                                                                     | <b>Vertical division with front, rear, top and bottom hole pattern</b> | Vertical dividers, <b>CDV</b><br>Vertical dividing bars, <b>VB</b><br>One piece<br>Depth dividing bars, <b>VBD</b><br>Fixing brackets, <b>VBK</b>                                                                                                                                                                                                                                                                               | 206<br>115<br>115<br>115<br>115 |
|                                                                     | <b>Vertical section with partial doors and panels</b>                  | Top and bottom panels, <b>DPC</b><br>Configuration of partial doors, <b>DP</b><br>Configuration of partial panels, <b>DPP</b><br>Horizontal dividers, <b>CDH</b><br>Qty = N° of <b>DP</b> + N° of <b>DPP</b> + 1<br>* Partial doors, <b>DP</b> , and partial panels, <b>DPP</b> , can be used in different configurations to cover an enclosure. The area that can be covered is the enclosure height, less 200 mm.             | 207<br>208<br>209<br>206        |
| <b>VERTICAL SECTION WITH PLAIN TOP AND BOTTOM FRONT PANELS</b>      | <b>Vertical section with door for cabling</b>                          | Top and bottom panels, <b>DPC</b><br>Cable space door, <b>DPA</b><br>Height of the enclosure, less 200 mm<br>Horizontal dividers, <b>CDH</b> . 2 pcs                                                                                                                                                                                                                                                                            | 207<br>210<br>206               |
|                                                                     | <b>Vertical section with panel for busbars</b>                         | Vertical front panel, <b>DPB</b><br>Total height of the enclosure                                                                                                                                                                                                                                                                                                                                                               | 210                             |
|                                                                     | <b>Vertical section with partial doors and panels</b>                  | Ventilated top and bottom panels, <b>DPCV</b><br>Configuration of partial doors, <b>DP</b><br>Configuration of partial panels, <b>DPP</b><br>Horizontal dividers, <b>CDH</b><br>Qty = N° of <b>DP</b> + N° of <b>DPP</b> + 1<br>* Partial doors, <b>DP</b> , and partial panels, <b>DPP</b> , can be used in different configurations to cover an enclosure. The area that can be covered is the enclosure height, less 200 mm. | 207<br>208<br>209<br>206        |
| <b>VERTICAL SECTION WITH VENTILATED TOP AND BOTTOM FRONT PANELS</b> | <b>Vertical section with door for cabling</b>                          | Ventilated top and bottom panels, <b>DPCV</b><br>Cable space door, <b>DPA</b><br>Height of the enclosure, less 200 mm<br>Horizontal dividers, <b>CDH</b> . 2 pcs                                                                                                                                                                                                                                                                | 207<br>210<br>206               |
|                                                                     | <b>Vertical section with panel for busbars</b>                         | Vertical front panel, <b>DPB</b><br>Total height of the enclosure                                                                                                                                                                                                                                                                                                                                                               | 210                             |
|                                                                     | <b>Vertical section with partial doors and panels</b>                  | Ventilated top and bottom panels, <b>DPCV</b><br>Configuration of partial doors, <b>DP</b><br>Configuration of partial panels, <b>DPP</b><br>Horizontal dividers, <b>CDH</b><br>Qty = N° of <b>DP</b> + N° of <b>DPP</b> + 1<br>* Partial doors, <b>DP</b> , and partial panels, <b>DPP</b> , can be used in different configurations to cover an enclosure. The area that can be covered is the enclosure height, less 200 mm. | 207<br>208<br>209<br>206        |

## Mild steel, compact enclosures

## MKS / MKD

| Required accessories                                                                                                                                                                                                                                                                                                                                                                                                             | Page                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| Vertical dividers, <b>CDV</b>                                                                                                                                                                                                                                                                                                                                                                                                    | 206                             |
| Vertical dividers, <b>CDV</b><br>Vertical dividing bars, <b>VB</b><br>One piece<br>Fixing brackets, <b>VBK</b>                                                                                                                                                                                                                                                                                                                   | 206<br>115<br>115               |
| Vertical dividers, <b>CDV</b><br>Vertical dividing bars, <b>VB</b><br>One piece<br>Depth dividing bars, <b>VBD</b><br>Fixing brackets, <b>VBK</b>                                                                                                                                                                                                                                                                                | 206<br>115<br>115<br>115<br>115 |
| Top and bottom panels, <b>DPC</b><br>Configuration of partial doors, <b>DP</b><br>Configuration of partial panels, <b>DPP</b><br>Horizontal dividers, <b>CDHK</b><br>Qty = N° of <b>DP</b> + N° of <b>DPP</b> + 1<br>* Partial doors, <b>DP</b> , and partial panels, <b>DPP</b> , can be used in different configurations to cover an enclosure. The area that can be covered is the enclosure height, less 200 mm.             | 207<br>208<br>209<br>206        |
| Top and bottom panels, <b>DPC</b><br>Cable space door, <b>DPA</b><br>Height of the enclosure, less 200 mm<br>Horizontal dividers, <b>CDHK</b> . 2 pcs                                                                                                                                                                                                                                                                            | 207<br>210<br>206               |
| Vertical front panel, <b>DPB</b><br>Total height of the enclosure                                                                                                                                                                                                                                                                                                                                                                | 210                             |
| Ventilated top and bottom panels, <b>DPCV</b><br>Configuration of partial doors, <b>DP</b><br>Configuration of partial panels, <b>DPP</b><br>Horizontal dividers, <b>CDHK</b><br>Qty = N° of <b>DP</b> + N° of <b>DPP</b> + 1<br>* Partial doors, <b>DP</b> , and partial panels, <b>DPP</b> , can be used in different configurations to cover an enclosure. The area that can be covered is the enclosure height, less 200 mm. | 207<br>208<br>209<br>206        |
| Ventilated top and bottom panels, <b>DPCV</b><br>Cable space door, <b>DPA</b><br>Height of the enclosure, less 200 mm<br>Horizontal dividers, <b>CDHK</b> . 2 pcs                                                                                                                                                                                                                                                                | 207<br>210<br>206               |
| Vertical front panel, <b>DPB</b><br>Total height of the enclosure                                                                                                                                                                                                                                                                                                                                                                | 210                             |

## Stainless steel, combinable enclosures

## MCSS / MCDS

| Required accessories | Page |
|----------------------|------|
| Not available        | N/A  |
| Not available        | N/A  |
| Not available        | N/A  |
| Not available        | N/A  |
| Not available        | N/A  |
| Not available        | N/A  |
| Not available        | N/A  |
| Not available        | N/A  |

## Stainless steel, compact enclosures

## EKSS / EKDS

| Required accessories | Page |
|----------------------|------|
| Not available        | N/A  |
| Not available        | N/A  |
| Not available        | N/A  |
| Not available        | N/A  |
| Not available        | N/A  |
| Not available        | N/A  |
| Not available        | N/A  |
| Not available        | N/A  |

# Floor Standing Enclosures

## Steel Range

### Accessories | Partial doors

#### Vertical dividers, CDV

|                       |                                                                                                                                                                              |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | The profile is identical to the enclosure's frame and provides vertical separation of the enclosure when partial doors or panels are fitted. Can be mounted in 200 mm steps. |
| <b>Material:</b>      | Front profile: 2 mm mild steel. Inner profile: 1.75 mm zinc plated steel.                                                                                                    |
| <b>Finish:</b>        | RAL 7035 structured powder coating.                                                                                                                                          |
| <b>Pack quantity:</b> | 1 set of profiles with mounting accessories.                                                                                                                                 |

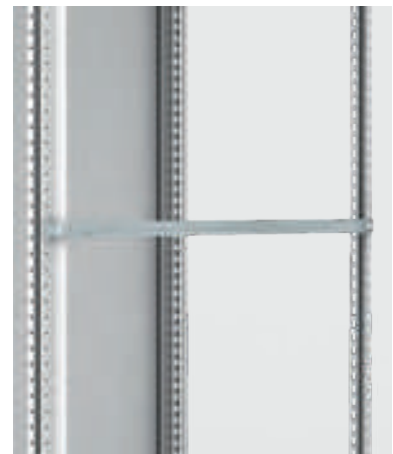
| For enclosure |           |
|---------------|-----------|
| H             | Item no.  |
| 1800          | CDV1800R5 |
| 2000          | CDV2000R5 |
| 2200          | CDV2200R5 |



#### Horizontal dividers, CDH

|                               |                                                                                                                                                                                      |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | Used when the enclosure requires horizontal separation for partial doors or panels. Mounted on the outside hole pattern of the combinable mild steel floor standing enclosure range. |
| <b>Material:</b>              | 2 mm zinc plated steel.                                                                                                                                                              |
| <b>Mounting requirements:</b> | CDH pieces = number of door DP and/or panels DPP + 1.                                                                                                                                |
| <b>Pack quantity:</b>         | 2 profiles with mounting accessories.                                                                                                                                                |

| W   | Item no. |
|-----|----------|
| 400 | CDH400   |
| 600 | CDH600   |
| 800 | CDH800   |



#### Horizontal dividers, CDHK

|                               |                                                                                                                                                     |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | Used when the enclosure requires horizontal divisions. Can be mounted on the hole pattern of the compact mild steel floor standing enclosure range. |
| <b>Material:</b>              | 2 mm zinc plated steel.                                                                                                                             |
| <b>Mounting requirements:</b> | CDHK pieces = number of door DP and/or panels DPP + 1.                                                                                              |
| <b>Pack quantity:</b>         | 2 profiles with mounting accessories.                                                                                                               |

| W   | Item no. |
|-----|----------|
| 400 | CDHK400  |
| 600 | CDHK600  |
| 800 | CDHK800  |



## Top and bottom panels, DPC

- Description:** Required to cover the remaining space at the top and bottom. Used in combination with horizontal dividers CDH/CDHK, partial doors DP, partial panels DPP and cable space door DPA.
- Material:** 1.75 mm steel plate.
- Finish:** RAL 7035 structured powder coating.
- Protection:** Complies with IP 44. For IP 21 delivered without gasket.
- Mounting requirements:** DPC covers 200 mm in height of the enclosure. So for a 2000 mm high enclosure when DPC is used, there is 1800 mm space left for partial doors/panels.
- Pack quantity:** Top and bottom panel with mounting accessories.

| For enclosure |     |           |
|---------------|-----|-----------|
| H             | W   | Item no.  |
| 100+70        | 400 | DPC0714R5 |
| 100+70        | 600 | DPC0716R5 |
| 100+70        | 800 | DPC0718R5 |



## Ventilated top and bottom panels, DPCV

- Description:** Required to cover the remaining space at the top and bottom. With ventilation slots for added heat dissipation in switchgear enclosures. Used in combination with horizontal dividers CDH/CDHK, partial doors DP, partial panels DPP and cable space door DPA.
- Material:** 1.75 mm steel plate.
- Finish:** RAL 7035 structured powder coating.
- Protection:** Complies with IP 20.
- Mounting requirements:** DPCV covers 200 mm in height of the enclosure. So for a 2000 mm high enclosure when DPCV is used, there is 1800 mm space left for partial doors/panels.
- Pack quantity:** 2 panels with mounting accessories.

| For enclosure |         |            |            |
|---------------|---------|------------|------------|
| W             | H (top) | H (bottom) | Item no.   |
| 400           | 70      | 100        | DPCV0714R5 |
| 600           | 70      | 100        | DPCV0716R5 |
| 800           | 70      | 100        | DPCV0718R5 |



# Floor Standing Enclosures

## Steel Range

### Accessories | Partial doors

## Partial doors, DP

|                               |                                                                                                                                                                                                  |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | To divide the enclosure front into sections when used in conjunction with the horizontal divider CDH/CHDK. Equipped with double-bit 3 mm lock (1 lock up to 400 mm, over 400 mm height 2 locks). |
| <b>Material:</b>              | 1.75 mm steel plate.                                                                                                                                                                             |
| <b>Finish:</b>                | RAL 7035 structured powder coating.                                                                                                                                                              |
| <b>Protection:</b>            | Complies with IP 44.                                                                                                                                                                             |
| <b>Pack quantity:</b>         | 1 door with hinges, locks and mounting accessories.                                                                                                                                              |
| <b>Mounting requirements:</b> | Add CDH for MC frames and use CDHK for MK frames. Use DPC/DPCV for top and bottom panels.                                                                                                        |

| For enclosure |     |           |
|---------------|-----|-----------|
| H             | W   | Item no.  |
| 150           | 400 | DP01504R5 |
| 150           | 600 | DP01506R5 |
| 150           | 800 | DP01508R5 |
| 200           | 400 | DP02004R5 |
| 200           | 600 | DP02006R5 |
| 200           | 800 | DP02008R5 |
| 250           | 400 | DP02504R5 |
| 250           | 600 | DP02506R5 |
| 250           | 800 | DP02508R5 |
| 300           | 400 | DP03004R5 |
| 300           | 600 | DP03006R5 |
| 300           | 800 | DP03008R5 |
| 400           | 400 | DP04004R5 |
| 400           | 600 | DP04006R5 |
| 400           | 800 | DP04008R5 |
| 500           | 400 | DP05004R5 |
| 500           | 600 | DP05006R5 |
| 500           | 800 | DP05008R5 |
| 600           | 400 | DP06004R5 |
| 600           | 600 | DP06006R5 |
| 600           | 800 | DP06008R5 |
| 800           | 600 | DP08006R5 |
| 800           | 800 | DP08008R5 |
| 1000          | 600 | DP10006R5 |
| 1000          | 800 | DP10008R5 |
| 1200          | 600 | DP12006R5 |
| 1200          | 800 | DP12008R5 |



## Partial panels, DPP

|                               |                                                                                                                                     |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | To divide the enclosure front into sections when used in conjunction with the horizontal divider CDH/CDHK when no door is required. |
| <b>Material:</b>              | 1.75 mm steel plate.                                                                                                                |
| <b>Finish:</b>                | RAL 7035 structured powder coating.                                                                                                 |
| <b>Protection:</b>            | Complies with IP 44.                                                                                                                |
| <b>Pack quantity:</b>         | 1 panel with mounting accessories.                                                                                                  |
| <b>Mounting requirements:</b> | Add CDH for MC frames and use CDHK for MK frames. Use DPC/DPCV for top and bottom panels.                                           |

| H   | W   | Item no.   |
|-----|-----|------------|
| 100 | 400 | DPP01004R5 |
| 100 | 600 | DPP01006R5 |
| 100 | 800 | DPP01008R5 |
| 150 | 400 | DPP01504R5 |
| 150 | 600 | DPP01506R5 |
| 150 | 800 | DPP01508R5 |
| 200 | 400 | DPP02004R5 |
| 200 | 600 | DPP02006R5 |
| 200 | 800 | DPP02008R5 |
| 250 | 400 | DPP02504R5 |
| 250 | 600 | DPP02506R5 |
| 250 | 800 | DPP02508R5 |
| 300 | 400 | DPP03004R5 |
| 300 | 600 | DPP03006R5 |
| 300 | 800 | DPP03008R5 |
| 400 | 400 | DPP04004R5 |
| 400 | 600 | DPP04006R5 |
| 400 | 800 | DPP04008R5 |





# Floor Standing Enclosures

## Steel Range

### Accessories | Partial doors

#### Cable space doors, DPA

|                               |                                                                                                                                            |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | To close a vertical cable section. Used in combination with CDV. In order to close the front, top and bottom panels DPC/DPCV are required. |
| <b>Material:</b>              | 2 mm steel plate.                                                                                                                          |
| <b>Finish:</b>                | RAL 7035 structured powder coating.                                                                                                        |
| <b>Protection:</b>            | Complies with IP 44.                                                                                                                       |
| <b>Mounting requirements:</b> | Add CDH for MC frames and use CDHK for MK frames.                                                                                          |
| <b>Pack quantity:</b>         | 1 door with hinges and equipped with double-bit 3 mm espagnolette locking system.                                                          |

| H    | W   | Item no.  |
|------|-----|-----------|
| 1600 | 400 | DPA1604R5 |
| 1600 | 600 | DPA1606R5 |
| 1800 | 400 | DPA1804R5 |
| 1800 | 600 | DPA1806R5 |
| 2000 | 400 | DPA2004R5 |
| 2000 | 600 | DPA2006R5 |



#### Vertical front panels, DPB

|                       |                                                                        |
|-----------------------|------------------------------------------------------------------------|
| <b>Description:</b>   | In order to cover vertical busbar space. Used in combination with CDV. |
| <b>Material:</b>      | 2 mm steel plate.                                                      |
| <b>Finish:</b>        | RAL 7035 structured powder coating.                                    |
| <b>Protection:</b>    | Complies with IP 44.                                                   |
| <b>Pack quantity:</b> | 1 panel with mounting accessories.                                     |

| For enclosure |     |            |
|---------------|-----|------------|
| H             | W   | Item no.   |
| 1800          | 200 | DPB18002R5 |
| 2000          | 200 | DPB20002R5 |
| 2200          | 200 | DPB22002R5 |



## Partial doors for monitor, DPM

|                               |                                                                                                                                                                                                                                            |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | For monitor size 14"-21". Used in combination with the hinged keyboard tray DPK, allows the installation of a PC in any floor standing enclosures. The remaining space will be filled with top and bottom panels DPC and partial doors DP. |
| <b>Material:</b>              | 1.75 mm steel plate, viewing area: 4 mm safety glass.                                                                                                                                                                                      |
| <b>Finish:</b>                | RAL 7035 structured powder coating.                                                                                                                                                                                                        |
| <b>Protection:</b>            | Complies with IP 44.                                                                                                                                                                                                                       |
| <b>Pack quantity:</b>         | 1 door with hinges and double-bit 3 mm lock.                                                                                                                                                                                               |
| <b>Mounting requirements:</b> | To be used in combination with keyboard tray DPK. Recommended in combination with CDH to avoid a gap between the above/below panels.                                                                                                       |

| H   | W   | N° of locks | Item no.  |
|-----|-----|-------------|-----------|
| 500 | 600 | 2           | DPM0506R5 |
| 600 | 600 | 2           | DPM0606R5 |



## Hinged keyboard tray, DPK

|                       |                                                                                                                                                                                                     |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | Horizontal hinged keyboard tray with lateral sliding mouse pad (L.H. or R.H.). Equipped with panel stay. When the tray is folded out, the enclosure is sealed for dust ingress by a closed chamber. |
| <b>Material:</b>      | 1.75 mm steel plate.                                                                                                                                                                                |
| <b>Finish:</b>        | RAL 7035 structured powder coating.                                                                                                                                                                 |
| <b>Protection:</b>    | Complies with IP 44.                                                                                                                                                                                |
| <b>Sizes:</b>         | Max keyboard height 50 mm, width 470 mm, depth 185 mm.                                                                                                                                              |
| <b>Pack quantity:</b> | 1 door with hinges, lock, keyboard mounting support, mouse pad and mounting accessories.                                                                                                            |

| H   | W   | Item no. |
|-----|-----|----------|
| 250 | 600 | DPK06R5  |



# Floor Standing Enclosures

## Steel Range

### Accessories | Baying & lifting

#### Enclosure baying

Mild steel, combinable enclosures

#### MCS / MCD

|                            | Required accessories                                                                                                                                                                            | Page                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SIDE BY SIDE BAYING</b> | <b>Simple internal baying, not to be lifted</b>                                                                                                                                                 | Internal baying brackets, <b>CCI</b><br>Side panels, <b>SPM</b><br>215<br>214                                                                                                                                                                                                                                                                                                                 |
|                            | <b>Simple external baying, not to be lifted *1</b>                                                                                                                                              | External baying brackets, <b>CCE</b><br>Side panels, <b>SPM</b><br>216<br>214                                                                                                                                                                                                                                                                                                                 |
|                            | <b>Simple external baying with small partial doors configuration, not to be lifted *1</b>                                                                                                       | External baying brackets, <b>CCE</b> . 3 pcs<br>Short external baying brackets, <b>CCEH</b> . 3 pcs<br>Side panels, <b>SPM</b><br>216<br>217<br>214                                                                                                                                                                                                                                           |
|                            | <b>Internal baying, for when the assembly is to be lifted *2</b>                                                                                                                                | Internal baying brackets, <b>CCI</b><br>Corner baying brackets, <b>CCM</b><br>Side panels, <b>SPM</b><br>215<br>216<br>214                                                                                                                                                                                                                                                                    |
|                            | <b>External baying, for when the assembly will be lifted *1 *2</b>                                                                                                                              | External baying brackets, <b>CCE</b><br>Corner baying brackets, <b>CCM</b><br>Side panels, <b>SPM</b><br>216<br>216<br>214                                                                                                                                                                                                                                                                    |
|                            | *1 The rear panel and the enclosure door must be removed to mount the baying brackets<br>*2 The filler plate, <b>MPF</b> , must be moved forward 75 mm to the front from the most rear position |                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>BAYING IN DEPTH</b>     | <b>Rear to rear</b>                                                                                                                                                                             | Depth baying kit, <b>CJDN</b><br>Side panels, <b>SPM</b><br>One per enclosure<br>217<br>214                                                                                                                                                                                                                                                                                                   |
| <b>CORNER BAYING</b>       | <b>Two lines of enclosures with the same depth or different depths</b>                                                                                                                          | The combinable <b>MCS</b> enclosure must be used in the corner of two enclosure lines, with the side having the same dimension as the corresponding side dimension of one line, and the front or rear corresponding to the side dimension of the second line.<br>Corner baying kit, <b>CJDS</b><br>Side panels, <b>SPM</b> . 1 pc for each line of enclosures with proper depth<br>218<br>214 |
| <b>OTHER ACCESSORIES</b>   | <b>Separation between two bayed enclosures (no IP test done)</b>                                                                                                                                | Separation plate, <b>SPD</b><br>Separation plate brackets, <b>CCJ</b><br>218<br>219                                                                                                                                                                                                                                                                                                           |
|                            | <b>Separation between two bayed enclosures, IP 43</b>                                                                                                                                           | Separation plate, <b>SPD</b><br>Separation plate brackets, <b>CCJ</b><br>Separation plate gasket, <b>SPDG</b><br>218<br>219<br>220                                                                                                                                                                                                                                                            |
|                            | <b>Lifting</b>                                                                                                                                                                                  | Lifting eyes, <b>LE</b> . 4 pcs per enclosure assembly<br>Lifting devices, <b>LC</b> . 2 pcs per enclosure joining<br>220<br>221                                                                                                                                                                                                                                                              |

Mild steel, compact enclosures

Stainless steel, combinable enclosures

Stainless steel, compact enclosures

MKS / MKD

MCSS / MCDS

EKSS / EKDS

| Required accessories | Page | Required accessories                                                                                                   | Page              | Required accessories | Page |
|----------------------|------|------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------|------|
| Not available        | N/A  | Internal baying brackets, <b>CCI</b><br>Stainless steel side panels, <b>SPMS</b>                                       | 215<br>215        | Not available        | N/A  |
| Not available        | N/A  | Not available                                                                                                          | N/A               | Not available        | N/A  |
| Not available        | N/A  | Not available                                                                                                          | N/A               | Not available        | N/A  |
| Not available        | N/A  | Internal baying brackets, <b>CCI</b><br>Corner baying brackets, <b>CCM</b><br>Stainless steel side panels, <b>SPMS</b> | 215<br>216<br>215 | Not available        | N/A  |
| Not available        | N/A  | Not available                                                                                                          | N/A               | Not available        | N/A  |

\*1 The rear panel and the enclosure door must be removed to mount the baying brackets

\*2 The filler plate, **MPF**, must be moved forward 75 mm to the front from the most rear position

|                               |     |                                                                                                                                                                                                                                                                                                                                                                                                   |                   |               |     |
|-------------------------------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|---------------|-----|
| Depth baying kit, <b>CJDN</b> | 217 | Not available                                                                                                                                                                                                                                                                                                                                                                                     | N/A               | Not available | N/A |
| Not available                 | N/A | The combinable <b>MCSS</b> enclosure must be used in the corner of two enclosure lines, with the side having the same dimension as the corresponding side dimension of one line, and the front or rear corresponding to the side dimension of the second line.<br>Corner baying kit, <b>CJDS</b><br>Stainless steel side panels, <b>SPMS</b> . 1 pc for each line of enclosures with proper depth | 218<br>215        | Not available | N/A |
| Not available                 | N/A | Separation plate, <b>SPDS</b><br>Separation plate brackets, <b>CCJ</b>                                                                                                                                                                                                                                                                                                                            | 219<br>219        |               |     |
| Not available                 | N/A | Separation plate, <b>SPDS</b><br>Separation plate brackets, <b>CCJ</b><br>Separation plate gasket, <b>SPDG</b>                                                                                                                                                                                                                                                                                    | 219<br>219<br>220 | Not available | N/A |
| Not available                 | N/A | Lifting eyes, <b>LE</b> . 4 pcs per enclosure assembly<br>Lifting devices, <b>LC</b> . 2 pcs per enclosure joining                                                                                                                                                                                                                                                                                | 220<br>221        | Not available | N/A |

# Floor Standing Enclosures

## Steel Range

### Accessories | Baying & lifting

## Side panels, SPM

- Description:

Easy one man assembly. Sealed by an extruded, one piece polyurethane gasket and mounted with 8 screws. Can be replaced by the side door DS.
- Material:

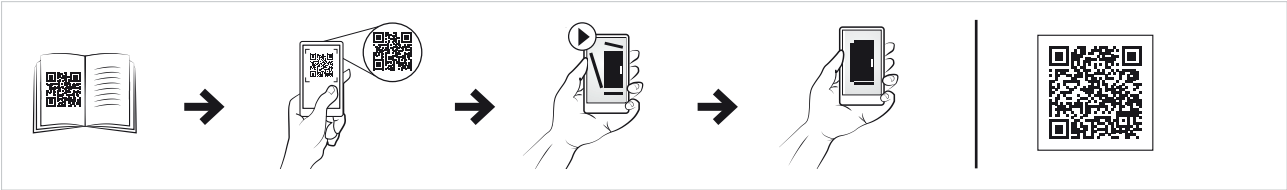
1.5 mm steel plate.
- Finish:

RAL 7035 structured powder coating.
- Protection:

IP 55 | TYPE 12, 13 in combination with MCS. IP66 | TYPE 4, 12, 13 in combination with MCS-HP.
- Pack quantity:

2 panels with mounting accessories.

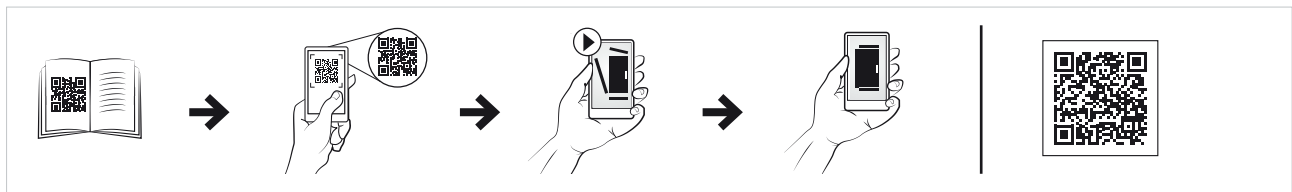
| For enclosure |     |           |
|---------------|-----|-----------|
| H             | D   | Item no.  |
| 1100          | 600 | SPM1106R5 |
| 1400          | 600 | SPM1406R5 |
| 1600          | 600 | SPM1606R5 |
| 1800          | 400 | SPM1804R5 |
| 1800          | 500 | SPM1805R5 |
| 1800          | 600 | SPM1806R5 |
| 1800          | 800 | SPM1808R5 |
| 2000          | 400 | SPM2004R5 |
| 2000          | 500 | SPM2005R5 |
| 2000          | 600 | SPM2006R5 |
| 2000          | 800 | SPM2008R5 |
| 2200          | 600 | SPM2206R5 |
| 2200          | 800 | SPM2208R5 |



## Side panels, stainless steel, SPMS

|                       |                                                                                                        |
|-----------------------|--------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | Easy one man assembly. Sealed by an extruded, one piece polyurethane gasket and mounted with 8 screws. |
| <b>Material:</b>      | 1.5 mm AISI 304 / AISI 316L pre-grained stainless steel.                                               |
| <b>Finish:</b>        | 400 pre-grained stainless steel.                                                                       |
| <b>Protection:</b>    | IP 55   TYPE 12, 13 in combination with MCSS. IP66   TYPE 4X, 12, 13 in combination with MCSS-HP.      |
| <b>Pack quantity:</b> | 2 panels with mounting accessories.                                                                    |

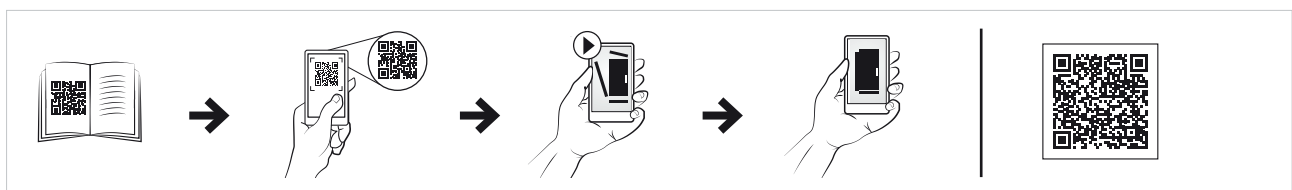
| For enclosure |     |              |
|---------------|-----|--------------|
| H             | W   | Item no.     |
| 1800          | 500 | SPMS1805     |
| 1800          | 500 | SPMS1805-316 |
| 2000          | 600 | SPMS2006     |
| 2000          | 600 | SPMS2006-316 |



## Internal baying brackets, CCI

|                       |                                                                                                                                                                                         |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | Quick fixation baying brackets provide a rigid reinforcement of the enclosure assembly. The correct spacing between the enclosures is assured. Tools are not required for installation. |
| <b>Material:</b>      | 3 mm zinc plated steel.                                                                                                                                                                 |
| <b>Pack quantity:</b> | 6 brackets with mounting accessories.                                                                                                                                                   |

| Item no. |
|----------|
| CCI06    |



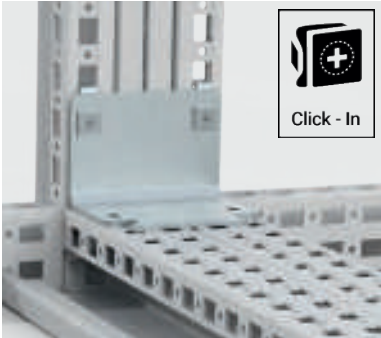
# Floor Standing Enclosures

## Steel Range

### Accessories | Baying & lifting

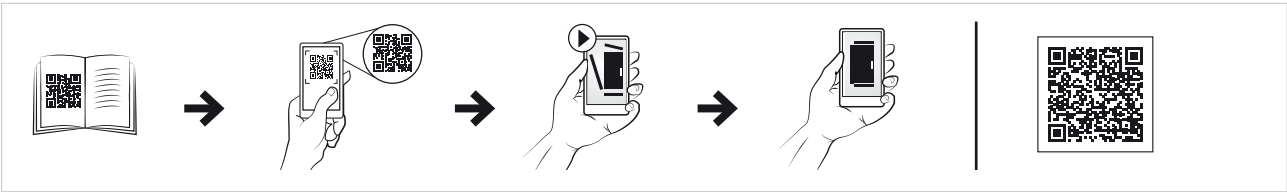
## Internal corner baying kit, CCM

|                       |                                                                                                                                  |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | For extra support when bayed enclosures are fully equipped and require lifting. Can be used together with SPD separation plates. |
| <b>Material:</b>      | 3 mm zinc plated steel.                                                                                                          |
| <b>Pack quantity:</b> | 4 brackets with mounting accessories.                                                                                            |
|                       |                                                                                                                                  |
| Item no.              |                                                                                                                                  |
| CCM04                 |                                                                                                                                  |



## External baying brackets, CCE

|                       |                                                                                                                                                                                                                                                                                                           |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | Brackets mounted on the outside hole pattern of the frame ensuring a strong and 3 dimensional alignment of the mild steel bayed enclosures with an "auto spacer" function. This method of baying enclosures also has the advantage of creating a direct earthing connection between the enclosure frames. |
| <b>Material:</b>      | 3 mm zinc plated steel.                                                                                                                                                                                                                                                                                   |
| <b>Pack quantity:</b> | 6 brackets with mounting accessories.                                                                                                                                                                                                                                                                     |
|                       |                                                                                                                                                                                                                                                                                                           |
| Item no.              |                                                                                                                                                                                                                                                                                                           |
| CCE06                 |                                                                                                                                                                                                                                                                                                           |





## Short external baying brackets, CCEH

**Description:**

Short brackets mounted on the outside hole pattern of the frame of the bayed enclosures with an "auto spacer" function. Specially designed for small doors/panels configuration. This method of baying mild steel enclosures has also the advantage of creating a direct earthing connection between the enclosure frames.

**Material:**

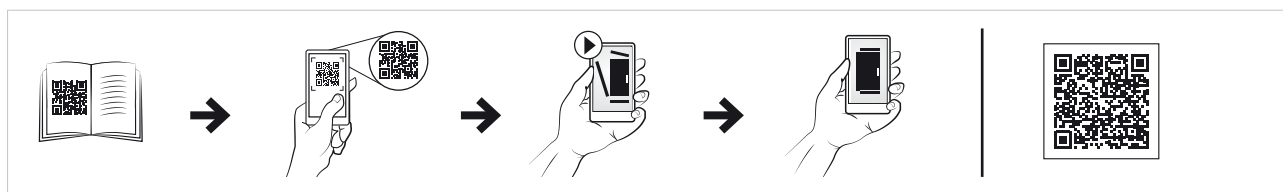
3 mm zinc plated steel.

**Pack quantity:**

6 brackets with mounthing material.


**Item no.**

CCEH06



## Depth baying kit, CJDN

**Description:**

For baying enclosures rear to rear.

**Material:**

Covers: 2 mm mild steel. Brackets: 3 mm zinc plated steel.

**Finish:**

RAL 7035.

**Protection:**

IP 55

**Pack quantity:**

1 kit with mounting accessories.


**For enclosure**

| H    | W    | Item no.   |
|------|------|------------|
| 1800 | 600  | CJDN1806R5 |
| 1800 | 800  | CJDN1808R5 |
| 1800 | 1000 | CJDN1810R5 |
| 2000 | 600  | CJDN2006R5 |
| 2000 | 800  | CJDN2008R5 |
| 2000 | 1000 | CJDN2010R5 |
| 2200 | 600  | CJDN2206R5 |
| 2200 | 800  | CJDN2208R5 |

# Floor Standing Enclosures

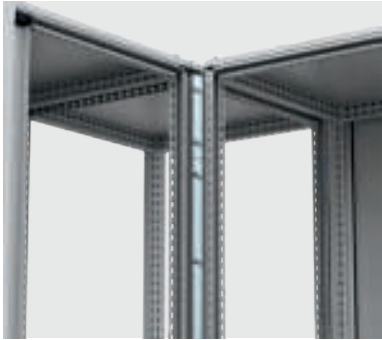
## Steel Range

### Accessories | Baying & lifting

### Corner baying kit, CJDS

- Description:** The enclosures can be bayed together side to front or side to side. The IP rating is thus maintained.
- Material:** 3 mm zinc plated steel.
- Pack quantity:** 1 set.
- Mounting requirements:** On corner configurations, door hinges must be mounted facing each other on the central area. An extra enclosure is needed in the corner with dimensions corresponding to the depths of the adjacent enclosures.

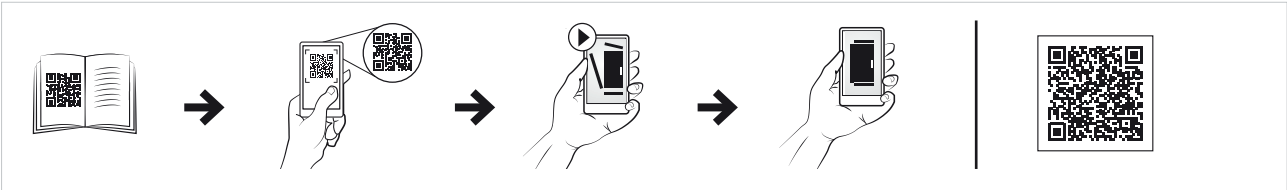
| Item no. |
|----------|
| CJDS12   |



### Separation plates for MCS and MCD enclosures, SPD

- Description:** Separates two bayed MCS/MCD enclosures.
- Material:** 1.5 mm zinc plated steel.
- Mounting requirements:** IP 43 | TYPE 1 sealing can be obtained by using SPDG gasket. CCJ brackets are required to mount the SPD into the enclosures. To bay enclosures together, use CCM and CCI brackets. For EMI shielding the SPDEG gasket must be used.
- Pack quantity:** 1 piece.

| For enclosure |     | Item no. |
|---------------|-----|----------|
| H             | D   |          |
| 1800          | 400 | SPD1804  |
| 1800          | 500 | SPD1805  |
| 1800          | 600 | SPD1806  |
| 2000          | 400 | SPD2004  |
| 2000          | 500 | SPD2005  |
| 2000          | 600 | SPD2006  |
| 2000          | 800 | SPD2008  |
| 2200          | 600 | SPD2206  |
| 2200          | 800 | SPD2208  |

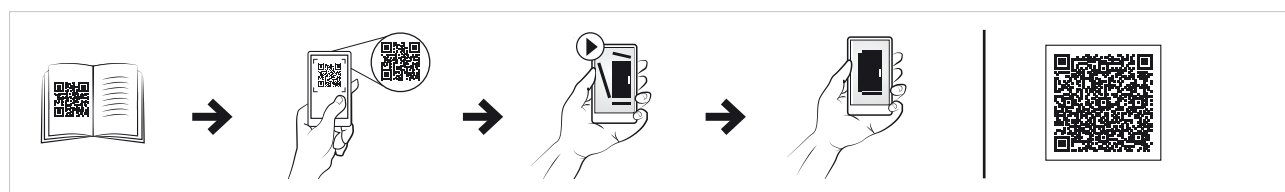


## Separation plates for MCSS, MCDS and ECOM enclosures, SPDS

|                               |                                                                                                                                                                                                                                      |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | Separates two bayed MCSS/MCDS/ECOM enclosures.                                                                                                                                                                                       |
| <b>Material:</b>              | 1.5 mm zinc plated steel.                                                                                                                                                                                                            |
| <b>Mounting requirements:</b> | IP 43   TYPE 1 sealing can be obtained by using SPDG gasket. CCJ brackets are required to mount the SPDS into the enclosures. To bay enclosures together, use CCM and CCI brackets. For EMI shielding the SPDEG gasket must be used. |
| <b>Pack quantity:</b>         | 1 piece.                                                                                                                                                                                                                             |



| For enclosure |     |          |
|---------------|-----|----------|
| H             | D   | Item no. |
| 1800          | 500 | SPDS1805 |
| 2000          | 600 | SPDS2006 |



## Separation plate brackets, CCJ

|                       |                                                                                             |
|-----------------------|---------------------------------------------------------------------------------------------|
| <b>Description:</b>   | Mounted to the enclosure's frame. Can be used on both vertical and the horizontal profiles. |
| <b>Material:</b>      | 3 mm zinc plated steel.                                                                     |
| <b>Pack quantity:</b> | 6 brackets with mounting accessories.                                                       |

| Item no. |
|----------|
| CCJ06    |



## Separation plate gasket, SPDG

|                       |                                                                                     |
|-----------------------|-------------------------------------------------------------------------------------|
| <b>Description:</b>   | To obtain IP 43   TYPE 1 sealing in combination with the separation plate SPD/SPDS. |
| <b>Material:</b>      | Neoprene 5x15/20.                                                                   |
| <b>Pack quantity:</b> | 6 m.                                                                                |

| Item no. |
|----------|
| SPDG01   |



# Floor Standing Enclosures

## Steel Range

### Accessories | Baying & lifting

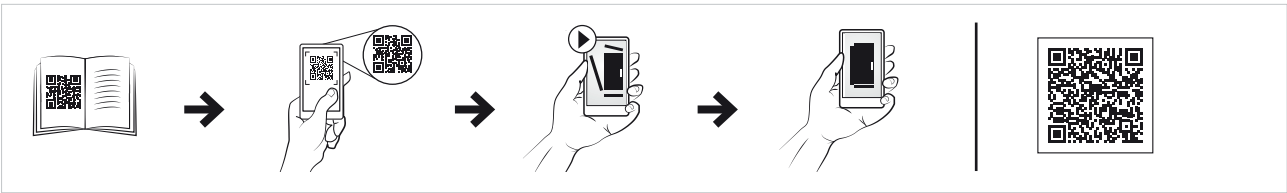
## Baying gasket for IP66, HPPG01

|                       |                                                                                                                            |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | To obtain IP66   Type 4 (4X), 12, 13 sealing in bayed configuration of MCS-HP/MCSS-HP in combination with CCI06 and CCM04. |
| <b>Material:</b>      | EPDM, 5 mm thickness.                                                                                                      |
| <b>Pack quantity:</b> | 1 pad compatible with all enclosure dimensions.                                                                            |
| <b>Item no.</b>       |                                                                                                                            |
| HPPG01                |                                                                                                                            |



## Lifting eye bolts, LE

|                       |                                                                                                                                                               |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | Mounts directly to the frame corner pieces of the enclosure for when lifting operations are required. Complies with DIN 580 lifting requirements. M12 thread. |
| <b>Maximum load:</b>  | 3400N per lifting eye with max angle of 45°. Please follow nVent HOFFMAN lifting instructions.                                                                |
| <b>Pack quantity:</b> | 4 pieces.                                                                                                                                                     |
| <b>Material</b>       | <b>Item no.</b>                                                                                                                                               |
| Zinc plated           | LE9304                                                                                                                                                        |
| Stainless steel 304   | LE9304SS                                                                                                                                                      |
| Stainless steel 316L  | LE9316SS                                                                                                                                                      |

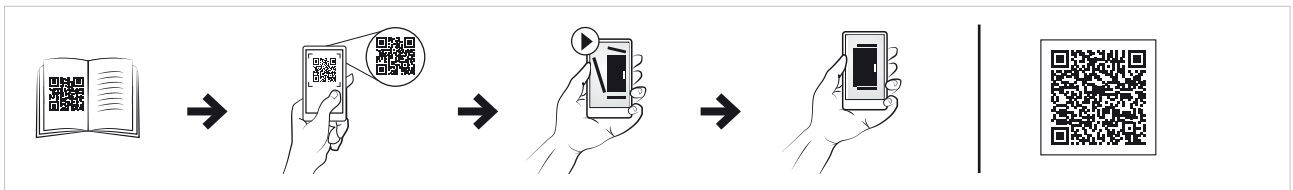
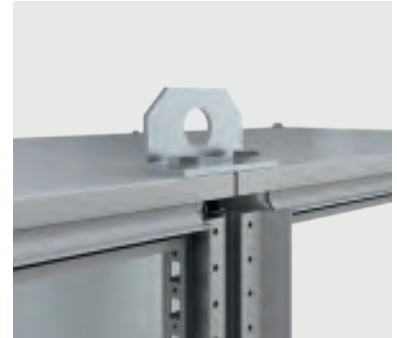


## Lifting devices, LC

**Description:** For optimal weight distribution when lifting bayed enclosures. To be used in combination with baying bracket.

**Pack quantity:** 2 pieces with mounting accessories.

| Material             | Item no. |
|----------------------|----------|
| Zinc plated          | LC02     |
| Stainless steel 316L | LC02-316 |



## Lifting kit, MCK

**Description:** For lifting the enclosure together with the top cable frame MCK of 200 mm high. Mounted directly into the enclosure's frame and therefore releasing the MCK from any strain. 300 mm high MCKs must be lifted separately.

**Pack quantity:** 4 spindles with lifting eyes according to DIN 580 lifting instructions.

| Item no. |
|----------|
| MCK04    |



# Floor Standing Enclosures

## Steel Range

### Accessories | Thermal

## Ventilation roofs, CVR

|                                |                                                                   |
|--------------------------------|-------------------------------------------------------------------|
| <b>Description:</b>            | Raised roof with 2.5 mm ventilation slots and filter material.    |
| <b>Material:</b>               | 1.5 mm steel plate. Filter material: EU 4 according to DIN 24185. |
| <b>Finish:</b>                 | RAL 7035 structured powder coating.                               |
| <b>Temperature resistance:</b> | 100 °C.                                                           |
| <b>Protection:</b>             | Complies with IP 31   TYPE 1.                                     |
| <b>Pack quantity:</b>          | 1 piece with mounting brackets and ventilation filter.            |
| <b>Note:</b>                   | Increases the enclosure height by 40 mm.                          |

| For enclosure |     |           |
|---------------|-----|-----------|
| W             | D   | Item no.  |
| 500           | 500 | CVR0505R5 |
| 600           | 300 | CVR0603R5 |
| 600           | 400 | CVR0604R5 |
| 600           | 500 | CVR0605R5 |
| 600           | 600 | CVR0606R5 |
| 600           | 800 | CVR0608R5 |
| 800           | 300 | CVR0803R5 |
| 800           | 400 | CVR0804R5 |
| 800           | 500 | CVR0805R5 |
| 800           | 600 | CVR0806R5 |
| 800           | 800 | CVR0808R5 |
| 800           | 900 | CVR0809R5 |
| 1000          | 300 | CVR1003R5 |
| 1000          | 400 | CVR1004R5 |
| 1000          | 500 | CVR1005R5 |
| 1000          | 600 | CVR1006R5 |
| 1000          | 800 | CVR1008R5 |
| 1200          | 300 | CVR1203R5 |
| 1200          | 400 | CVR1204R5 |
| 1200          | 500 | CVR1205R5 |
| 1200          | 600 | CVR1206R5 |
| 1200          | 800 | CVR1208R5 |
| 1600          | 400 | CVR1604R5 |
| 1600          | 500 | CVR1605R5 |
| 1600          | 600 | CVR1606R5 |



## Fan roof plates, CFR

|                               |                                                                                                              |
|-------------------------------|--------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | For mounting a combination of 6 fans DFN or closing plates DFC for unused holes in the top of the enclosure. |
| <b>Material:</b>              | 2 mm zinc plated steel.                                                                                      |
| <b>Mounting requirements:</b> | Add Ventilation roof CVR. Use fan DFN. Unused holes should be closed with DFC.                               |
| <b>Pack quantity:</b>         | 1 piece with mounting accessories.                                                                           |

| W   | D   | N° of cut outs | Item no. |
|-----|-----|----------------|----------|
| 600 | 600 | 6              | CFR0606  |
| 600 | 800 | 6              | CFR0608  |
| 800 | 600 | 6              | CFR0806  |
| 800 | 800 | 6              | CFR0808  |



## Ventilation fans, DFN

|                          |                                                                                                                                                                                                        |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>      | Two ventilation fan versions: DFN01 for mounting to a surface from below, DFN02 for mounting on top of a surface, with flow always pointing upwards. Extra contact provided for thermostat connection. |
| <b>Voltage:</b>          | 220-240 VAC.                                                                                                                                                                                           |
| <b>Air circulation:</b>  | 160 m³/h.                                                                                                                                                                                              |
| <b>Power of the fan:</b> | 19 Watt.                                                                                                                                                                                               |
| <b>Pack quantity:</b>    | 1 set with finger guards and mounting screws.                                                                                                                                                          |
| <b>Note:</b>             | For easy connection use wiring kit DFN61.                                                                                                                                                              |

| Description     | Item no. |
|-----------------|----------|
| Inside mounting | DFN01    |
| Top mounting    | DFN02    |

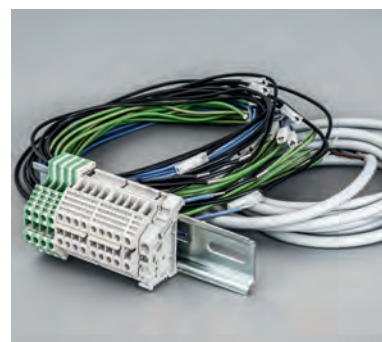
When ventilator holes are not used they can be closed with DFC closing plates.



## Wiring kit, DFN61

|                       |                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | Wiring kit for a maximum connection of 6 fans (DFN) and 1 thermostat/hygrostat (ETR/ETF). The thermostat or hygrostat can be connected through the separate terminal mounted on the side.                                                                                                                                                                   |
| <b>Pack quantity:</b> | 1 set containing: 1 DIN rail 15 cm   1 L-connector block   1 N-connector block   1 PE-connector block   1 Free terminal   1 Power cable with Schuko/UTE plug, 2,5 m   6 Pieces blue connection cables 81 cm   6 Pieces black connection cables 81 cm   6 Pieces green/yellow earthing cables 81 cm   6 Pieces self adhesive cable feet   8 Mounting screws. |

| Item no. |
|----------|
| DFN61    |



## Closing plates, DFC

|                       |                                                |
|-----------------------|------------------------------------------------|
| <b>Description:</b>   | Closing plate for an unused fan (DFN) opening. |
| <b>Material:</b>      | 1.5 mm zinc plated steel.                      |
| <b>Pack quantity:</b> | 4 piece with mounting accessories.             |

| Item no. |
|----------|
| DFC04    |





# Floor Standing Enclosures

## Steel Range

### Accessories | Thermal

### Spacer kits, CVK

- Description:

Provides ventilation by raising the enclosure's roof panel 15 mm (CVK15), 50 mm (CVK50).
- Material:

Zinc plated steel.
- Pack quantity:

4 pieces with mounting accessories.

| Description           | Item no. |
|-----------------------|----------|
| Raises the roof 15 mm | CVK15    |
| Raises the roof 50 mm | CVK50    |



### Ventilated bottom plates, CVB

- Description:

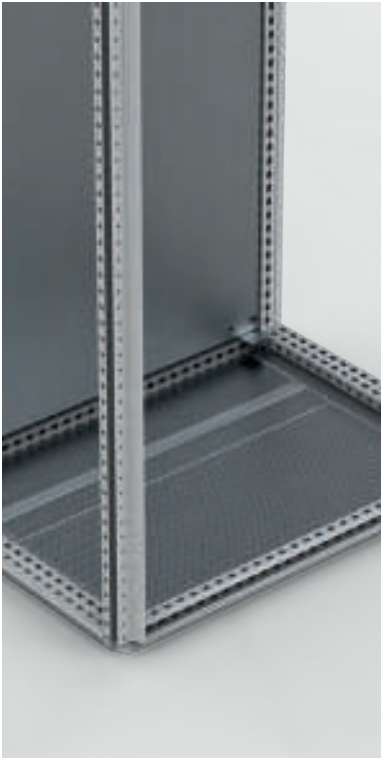
Can be used in combination with a ventilated plinth PV. 33% ventilated.
- Material:

1.5 mm perforated zinc plated steel.
- Pack quantity:

3 pieces, 4 pieces for D>600mm, with mounting material.
- Mounting requirements:

Use in combination with ventilated plinths PV.

| For enclosure |     |          |
|---------------|-----|----------|
| W             | D   | Item no. |
| 600           | 400 | CVB0604  |
| 600           | 500 | CVB0605  |
| 600           | 600 | CVB0606  |
| 600           | 800 | CVB0608  |
| 800           | 400 | CVB0804  |
| 800           | 500 | CVB0805  |
| 800           | 600 | CVB0806  |
| 800           | 800 | CVB0808  |
| 1000          | 400 | CVB1004  |
| 1000          | 500 | CVB1005  |
| 1000          | 600 | CVB1006  |
| 1000          | 800 | CVB1008  |
| 1200          | 600 | CVB1206  |
| 1200          | 800 | CVB1208  |



# Floor Standing Enclosures

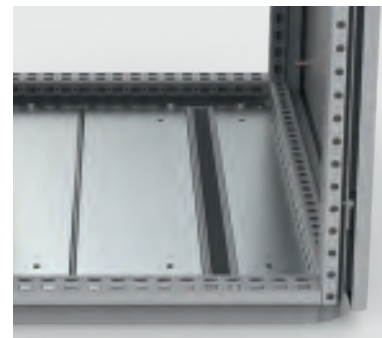
## Steel Range

### Accessories | Cabling

## Section profiles for cable entry, SCE

- Description:** For sealing the cable entry between gland plates. Forms a tight seal around cables and fills gaps to prevent dust from entering. The foam is pre-fitted in the section profile that can be easily mounted in the bottom plates thanks to its click-in fixing solution. An alternative to the bottom plate gasket kit BG01.
- Material:** Extruded PVC section profile. Gasket: adhesive foam with cross-section of 30 x 25 mm.
- Pack quantity:** 1 set consisting of 2 click-in section profiles with foam rubber.

| For enclosure |          |
|---------------|----------|
| W             | Item no. |
| 600           | SCE600   |
| 800           | SCE800   |
| 1000          | SCE1000  |
| 1200          | SCE1200  |



## Cable entry foam and bottom plate gaskets, BG

- Description:** The bottom of the enclosure is sealed by the use of an adhesive gasket applied on to the frame around the openings at the bottom of the enclosure. The cables are sealed by the addition of adhesive foam placed between the bottom plates. The elasticity and the size of this foam ensures a tight seal around most cables.
- Pack quantity:** 1.6 m adhesive foam (30 x 25 mm) and 6 m adhesive gasket (4.5 x 8 mm). For 1600 mm wide enclosures please order 2 sets.

| Item no. |
|----------|
| BG01     |



## Inside cable fixing bars, CAB

- Description:** Mounted above the bottom plates. Holds standard cable clamps CAC to secure incoming cables. Fully adjustable in depth. When EMC shielded earthing cables are connected to the support bar the Faraday effect will be kept intact for maximum EMI shielding.
- Material:** 2 mm zinc plated steel.
- Pack quantity:** 2 bars with mounting accessories.
- Mounting requirements:** Add CAC clamps depending on diameter of the cable(s).

| For enclosure |          |
|---------------|----------|
| W             | Item no. |
| 400           | CAB400   |
| 600           | CAB600   |
| 800           | CAB800   |
| 1000          | CAB1000  |
| 1200          | CAB1200  |



# Floor Standing Enclosures

## Steel Range

### Accessories | Cabling

## Outside cable fixing bars, CABP

|                               |                                                                                                                                                                                                                                                                                                                          |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | Suspended below the bottom plates, thereby maximizing the full usable space in the enclosure. Holds standard cable clamps CAC to secure incoming cables. Fully adjustable in depth. When EMC shielded earthing cables are connected to the support bar the Faraday effect will be kept intact for maximum EMI shielding. |
| <b>Material:</b>              | 2 mm zinc plated steel.                                                                                                                                                                                                                                                                                                  |
| <b>Pack quantity:</b>         | 2 bars with mounting accessories. For 1200 mm wide, 4 bars with mounting accessories.                                                                                                                                                                                                                                    |
| <b>Mounting requirements:</b> | Add CAC clamps depending on diameter of cable.                                                                                                                                                                                                                                                                           |

| For enclosure |          |
|---------------|----------|
| W             | Item no. |
| 400           | CABP400  |
| 500           | CABP500  |
| 600           | CABP600  |
| 800           | CABP800  |
| 1000          | CABP1000 |
| 1200          | CABP1200 |



## Cable clamps, CAC

|                               |                                                                                                                   |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | To secure incoming cables onto the fixing bars CAB and CABP. Holds the cable in position and supports the weight. |
| <b>Material:</b>              | Zinc plated steel.                                                                                                |
| <b>Pack quantity:</b>         | 25 clamps.                                                                                                        |
| <b>Mounting requirements:</b> | Add CAB/CABP to mount the cable clamps CAC.                                                                       |

| Size  | Item no. |
|-------|----------|
| 06-12 | CAC0612  |
| 10-14 | CAC1014  |
| 12-16 | CAC1216  |
| 14-18 | CAC1418  |
| 18-22 | CAC1822  |
| 22-26 | CAC2226  |
| 26-30 | CAC2630  |
| 30-34 | CAC3034  |
| 34-38 | CAC3438  |
| 38-42 | CAC3842  |
| 42-46 | CAC4246  |
| 58-64 | CAC5864  |

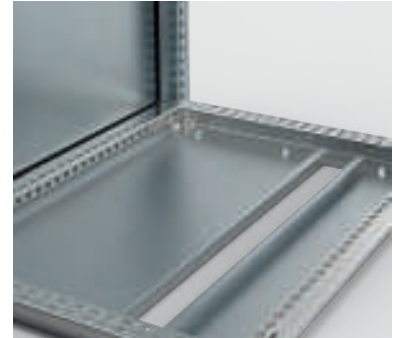


## Split bottom plates stainless steel, CBPS

|                       |                                                                                                                                                          |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | Fitted in place of the standard one piece bottom plate, allows direct cable entry. To achieve perfect sealing around the cables use the gasket kit BG01. |
| <b>Material:</b>      | AISI 304 / AISI 316L pre-grained stainless steel.                                                                                                        |
| <b>Bottom plates:</b> | 1.5 mm.                                                                                                                                                  |
| <b>Finish:</b>        | 400 pre-grained stainless steel.                                                                                                                         |
| <b>Pack quantity:</b> | 1 kit of two part bottom plate.                                                                                                                          |

| For enclosure |     |              |
|---------------|-----|--------------|
| W             | D   | Item no.     |
| 600           | 400 | CBPS0640     |
| 600           | 400 | CBPS0640-316 |
| 600           | 500 | CBPS0650     |
| 600           | 500 | CBPS0650-316 |
| 600           | 600 | CBPS0660     |
| 600           | 600 | CBPS0660-316 |
| 800           | 400 | CBPS0840     |
| 800           | 400 | CBPS0840-316 |
| 800           | 500 | CBPS0850     |
| 800           | 500 | CBPS0850-316 |
| 800           | 600 | CBPS0860     |
| 800           | 600 | CBPS0860-316 |
| 1000          | 400 | CBPS1040     |
| 1000          | 400 | CBPS1040-316 |
| 1000          | 500 | CBPS1050     |
| 1000          | 500 | CBPS1050-316 |
| 1000          | 600 | CBPS1060     |
| 1000          | 600 | CBPS1060-316 |

For enclosures 1200 mm & 1600 mm wide use 2 x 600 mm & 2 x 800 mm wide bottom plates.



## Raised side doors, DNSR

|                               |                                                                                                                                                                         |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | A 200 mm wide cover with cable entrances in top and bottom. Supplied with one gland plate and gasket. Hole pattern equals enclosure's frame to mount cable fixing bars. |
| <b>Material:</b>              | 2 mm.                                                                                                                                                                   |
| <b>Finish:</b>                | RAL 7035 structured powder coating.                                                                                                                                     |
| <b>Protection:</b>            | Complies with IP 33   TYPE 1 in combination with MM connector plate and gasket SPDG01. Door frame optional.                                                             |
| <b>Mounting requirements:</b> | Add a separation plate SPD or marshalling plate MM to mount connectors and separate the side compartment.                                                               |
| <b>Pack quantity:</b>         | 1 piece with mounting accessories.                                                                                                                                      |

| For enclosure |     |            |
|---------------|-----|------------|
| H             | D   | Item no.   |
| 2000          | 500 | DNSR2005R5 |
| 2000          | 600 | DNSR2006R5 |



# Floor Standing Enclosures

## Steel Range

### Accessories | Cabling

## Marshalling plates, MM

|                               |                                                                                                                                                                                                         |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | Connector plate between two enclosures, or to be used in combination with a raised side door (DNSR). Hole pattern for 24 pin connectors. With MMG cover plates, it can be adapted to 16 pin connectors. |
| <b>Material:</b>              | 2 mm zinc plated steel.                                                                                                                                                                                 |
| <b>Pack quantity:</b>         | 1 piece.                                                                                                                                                                                                |
| <b>Mounting requirements:</b> | Add CCJ12. Add raised side door DNSR for covering and protection of the connection. Add cover plates MMG for unused cut-outs or to adapt to different connector sizes.                                  |

| For enclosure |     |          |
|---------------|-----|----------|
| H             | D   | Item no. |
| 1800          | 500 | MM1805   |
| 1800          | 600 | MM1806   |
| 2000          | 500 | MM2005   |
| 2000          | 600 | MM2006   |



## Cover plates, MMG

|                       |                                                                                                                                           |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | To cover unused connector cut-outs of a marshalling plate MM, or to adapt to 16 pins connectors to allow the mix of both connector types. |
| <b>Material:</b>      | 2 mm zinc plated steel.                                                                                                                   |
| <b>Pack quantity:</b> | For quantity see table. Including mounting accessories and seal.                                                                          |

| Description   | Size        | Pack quantity | Item no. |
|---------------|-------------|---------------|----------|
| Cover plate   | 16 pin      | 20            | MMG16    |
| Cover plate   | 24 pin      | 20            | MMG24    |
| Adapter plate | 4 x 16 pin  | 1             | MMG0416  |
| Adapter plate | 24 - 16 pin | 4             | MMG2416  |
| Cover plate   | 4 x 24 pin  | 1             | MMG4024  |



## Front/rear top frames, MCU

|                       |                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | For cable entry and routing or for installation of a power distribution system. Fixed to the top of the enclosure by four M12 screws. Available in 200 mm and 300 mm heights. The enclosure roof plate CCR can be used to close the top. For lifting a 200 mm high MCU together with an enclosure a separate lifting kit MCLK is needed. 300 mm high MCU's must be lifted separately. |
| <b>Side panels:</b>   | MCUP supplied as an accessory.                                                                                                                                                                                                                                                                                                                                                        |
| <b>Material:</b>      | Frame in 1.75 mm steel plate, panels in 1.35 mm steel plate.                                                                                                                                                                                                                                                                                                                          |
| <b>Finish:</b>        | RAL 7035 structured powder coating.                                                                                                                                                                                                                                                                                                                                                   |
| <b>Protection:</b>    | Complies with IP 41.                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Pack quantity:</b> | 1 piece with front and back panels including mounting accessories (without roof plate).                                                                                                                                                                                                                                                                                               |

| For enclosure |      |     |           |
|---------------|------|-----|-----------|
| H             | W    | D   | Item no.  |
| 200           | 400  | 600 | MCU2046R5 |
| 200           | 600  | 500 | MCU2065R5 |
| 200           | 600  | 600 | MCU2066R5 |
| 200           | 800  | 500 | MCU2085R5 |
| 200           | 800  | 600 | MCU2086R5 |
| 200           | 1000 | 500 | MCU2105R5 |
| 200           | 1000 | 600 | MCU2106R5 |
| 200           | 1200 | 500 | MCU2125R5 |
| 200           | 1200 | 600 | MCU2126R5 |
| 300           | 600  | 600 | MCU3066R5 |
| 300           | 800  | 600 | MCU3086R5 |
| 300           | 1000 | 600 | MCU3106R5 |
| 300           | 1200 | 600 | MCU3126R5 |



## Side top frames, MCUP

|                       |                                                                           |
|-----------------------|---------------------------------------------------------------------------|
| <b>Description:</b>   | For covering the sides of the top cabling frame MCU. Fixed with 4 screws. |
| <b>Material:</b>      | 1.35 mm steel plate.                                                      |
| <b>Finish:</b>        | RAL 7035 structured powder coating.                                       |
| <b>Pack quantity:</b> | 2 panels with mounting accessories.                                       |

| For enclosure |     |           |
|---------------|-----|-----------|
| H             | D   | Item no.  |
| 200           | 500 | MCUP205R5 |
| 200           | 600 | MCUP206R5 |
| 300           | 600 | MCUP306R5 |
| 300           | 800 | MCUP308R5 |



# Floor Standing Enclosures

## Steel Range

### Accessories | Cabling

## Front/rear bottom frames, PCU

|                               |                                                                                                                                                                                                                                                                                                          |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | For fixing and routing of cables or mounting of busbar. Identical hole pattern to the enclosure's frame makes all relevant accessories (e.g. CLPF, CLPK, etc) possible to mount. Fixed to the base of the enclosure by M12 screws (provided). Standard height 300 mm (200 mm available on request only). |
| <b>Material:</b>              | Frame in 1.75 mm steel plate, panels in 1.35 mm steel plate.                                                                                                                                                                                                                                             |
| <b>Finish:</b>                | RAL 7035 structured powder coating.                                                                                                                                                                                                                                                                      |
| <b>Protection:</b>            | Complies with IP 41   TYPE 1.                                                                                                                                                                                                                                                                            |
| <b>Mounting requirements:</b> | Add side panels PCUP to close the sides.                                                                                                                                                                                                                                                                 |
| <b>Pack quantity:</b>         | 1 piece with front and back cover plates with mounting accessories.                                                                                                                                                                                                                                      |

| For enclosure |      |     |           |
|---------------|------|-----|-----------|
| H             | W    | D   | Item no.  |
| 300           | 400  | 600 | PCU3046R5 |
| 300           | 400  | 800 | PCU3048R5 |
| 300           | 600  | 600 | PCU3066R5 |
| 300           | 600  | 800 | PCU3068R5 |
| 300           | 800  | 600 | PCU3086R5 |
| 300           | 800  | 800 | PCU3088R5 |
| 300           | 1000 | 600 | PCU3106R5 |
| 300           | 1000 | 800 | PCU3108R5 |
| 300           | 1200 | 600 | PCU3126R5 |
| 300           | 1200 | 800 | PCU3128R5 |



## Side panels, PCUP

|                       |                                                                              |
|-----------------------|------------------------------------------------------------------------------|
| <b>Description:</b>   | For covering the sides of the bottom cabling frame PCU. Fixed with 4 screws. |
| <b>Material:</b>      | 1.35 mm steel plate.                                                         |
| <b>Finish:</b>        | RAL 7035 structured powder coating.                                          |
| <b>Pack quantity:</b> | 2 panels with mounting accessories.                                          |

| For enclosure |     |           |
|---------------|-----|-----------|
| H             | D   | Item no.  |
| 300           | 600 | PCUP306R5 |
| 300           | 800 | PCUP308R5 |





# Floor Standing Enclosures

## Steel Range

### Accessories | Earthing

# 01

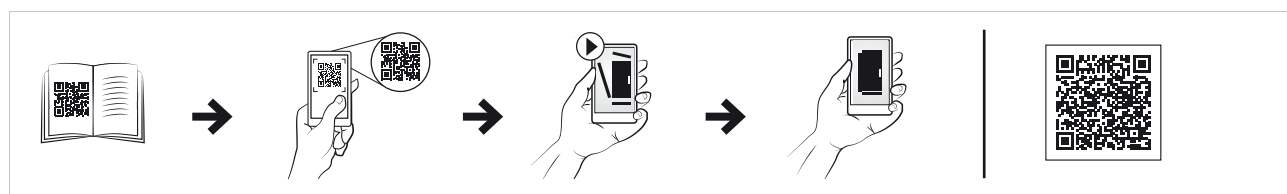
Floor Standing Enclosures

1

## Earthing cables, ECFA

- Description:** For earthing between metallic parts.
- Material:** 6 mm<sup>2</sup> copper wire (yellow-green).
- Pack quantity:** 10 pieces.
- Mounting requirements:** Add connection set ECF for fixing cable to painted frame.

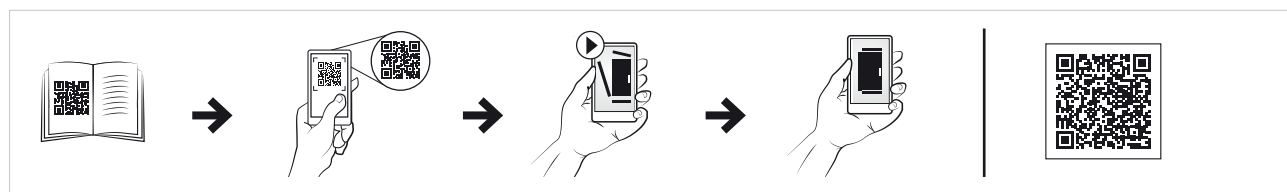
| Length | Connection size | Item no. |
|--------|-----------------|----------|
| 220 mm | M6 / M8         | ECFA220  |
| 300 mm | M8 / M8         | ECFA300  |



## Earthing straps, ECFE

- Description:** For earthing and potential compensation between panels, parts and the enclosure's frame.
- Length:** 300 mm.
- Material:** Tinned electrolytic copper 0.15 mm wire.
- Working temperature:** Up to 105°C.
- Pack quantity:** 10 pieces.
- Mounting requirements:** Add ECF connection set for fixing strap to painted frame.

| Cross sectional area | Holes diam. | Current (A) | Item no. |
|----------------------|-------------|-------------|----------|
| 16 mm <sup>2</sup>   | 8.5         | 120 A       | ECFE1630 |
| 25 mm <sup>2</sup>   | 10.5        | 150 A       | ECFE2530 |



# Floor Standing Enclosures

## Steel Range

### Accessories | Earthing

#### Earthing connections for frames, ECF

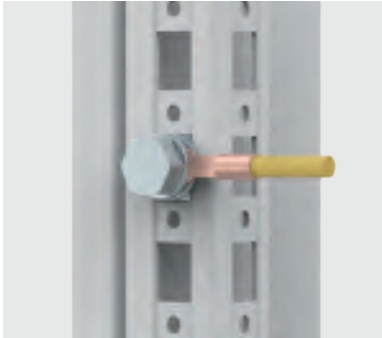
Description:

Earthing connections for fixing the earthing straps and cables to the enclosure's frame.

Pack quantity:

10 sets.

| Bolt size | Item no. |
|-----------|----------|
| M6        | ECF06    |
| M8        | ECF08    |



#### Earthing connection for panels, ECP

Description:

Earthing connection for fixing the earthing straps and cables to panels, mounting plates or profiles.

Pack quantity:

10 sets.

| Bolt size | Item no. |
|-----------|----------|
| M6        | ECP06    |
| M8        | ECP08    |



#### Central earthing point, ECFP

Description:

Provides earthing contact surface on horizontal or vertical frame profiles. For a secure earthing point with multiple connections.

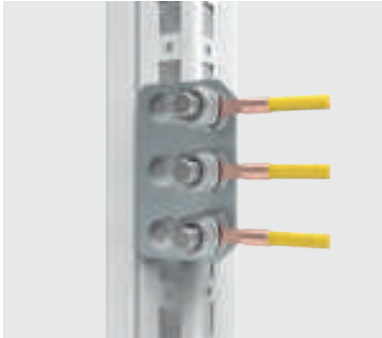
Material:

Galvanized steel.

Pack quantity:

3 central earthing points with mounting accessories. M8 earthing kit included for the three holes.

| Item no. |
|----------|
| ECFP08   |



# Floor Standing Enclosures Steel Range

## Accessories | Protection

# 01

Floor Standing Enclosures

1

### Protective fan covers, EFCS

- Description:** Provides additional protection to the filter fans against the ingress of water in outdoor or wash down environments. Folded and seam welded. (Machining is required).
- Material:** 1.5 mm stainless steel AISI 304/ AISI 316L.
- Finish:** 400 pre-grained stainless steel.
- Pack quantity:** 1 piece with mounting accessories.

| For enclosure |     |     |                   |               |
|---------------|-----|-----|-------------------|---------------|
| H             | W   | D   | Suitable for fans | Item no.      |
| 275           | 175 | 100 | EF100 / EF200     | EFCS20        |
| 375           | 275 | 100 | EF250 / EF300     | EFCS25-30     |
| 450           | 350 | 100 | EF500 / EF700     | EFCS50-60     |
| 275           | 175 | 100 | EF100 / EF200     | EFCS20-316    |
| 375           | 275 | 100 | EF250 / EF300     | EFCS25-30-316 |
| 450           | 350 | 100 | EF500 / EF700     | EFCS50-60-316 |



### Rain hoods, MSST

- Description:** To be fitted as extra protection on stainless steel enclosures. The roof is slightly sloped and has a dripstrip.
- Material:** 1.5 mm stainless steel AISI 304 / AISI 316L.
- Finish:** 400 pre-grained stainless steel.

| For enclosure |     |              |
|---------------|-----|--------------|
| W             | D   | Item no.     |
| 600           | 400 | MSST0640     |
| 600           | 400 | MSST0640-316 |
| 600           | 500 | MSST0650     |
| 600           | 500 | MSST0650-316 |
| 600           | 600 | MSST0660     |
| 600           | 600 | MSST0660-316 |
| 800           | 400 | MSST0840     |
| 800           | 400 | MSST0840-316 |
| 800           | 500 | MSST0850     |
| 800           | 500 | MSST0850-316 |
| 800           | 600 | MSST0860     |
| 800           | 600 | MSST0860-316 |
| 1000          | 400 | MSST1040     |
| 1000          | 400 | MSST1040-316 |
| 1000          | 500 | MSST1050     |
| 1000          | 500 | MSST1050-316 |
| 1000          | 600 | MSST1060     |
| 1000          | 600 | MSST1060-316 |
| 1200          | 400 | MSST1240     |
| 1200          | 400 | MSST1240-316 |
| 1200          | 500 | MSST1250     |
| 1200          | 500 | MSST1250-316 |
| 1200          | 600 | MSST1260     |
| 1200          | 600 | MSST1260-316 |
| 1600          | 400 | MSST1640     |
| 1600          | 400 | MSST1640-316 |



# Floor Standing Enclosures

## Aluminium Range | Aluminium

### Combinable, double wall | ECOM

IP 66 | TYPE 4X, 12, 13 | IK 10



**Material:**

Aluminium ALMg3. Door: 2 mm. Rear panel: 2 mm. Rain hood: 2 mm. Bottom plate: 2 mm.

**Frame:**

AISI 304L pre-grained stainless steel. Frame: 1.5 mm. Seam welded reversed open profiles with 25 mm hole pattern according to DIN 43660.

**Door:**

Double walled with top and bottom ventilation openings, allowing air flow. Mounted with concealed hinges, allowing left or right hand opening.

**Rear panel:**

Double walled with top and bottom ventilation openings allowing air flow. Fastened from the inside. Standard facilities for rear door mounting.

**Rainhood:**

Sloped rainhood with integrated rain gutter and ventilation channels around the perimeter.

**Side panels:**

Supplied as an accessory.

**Bottom plates:**

One piece bottom plate, with injected polyurethane gasket to ensure maximum sealing.

**Lock:**

Espagnolette 4-point locking system. Does not interfere with the enclosure inner space. Standard lift handle with security lock.

**Earthing:**

Internal panels are earthed through their fittings and are equipped with a separate earthing stud.

**Finish:**

RAL 7035 structured powder coating 100% polyester.

**Protection:**

Complies with IP 66 | TYPE 4X, 12, 13 | IK 10, when bottom plate is fitted.

**Approvals:**

Climatic and Chemically active substances resistance according to EN61969-3 "Mechanical structures for electronic equipment. Outdoor enclosures".

**Delivery:**

Frame with fitted door and lifthandle, rear panel and rain hood. Delivery also includes earthing bolts. Delivered on a pallet which is identical to the width of the enclosure to allow baying without removal. All packing material is recyclable. Mounting plate and side panels are not included in the standard delivery.

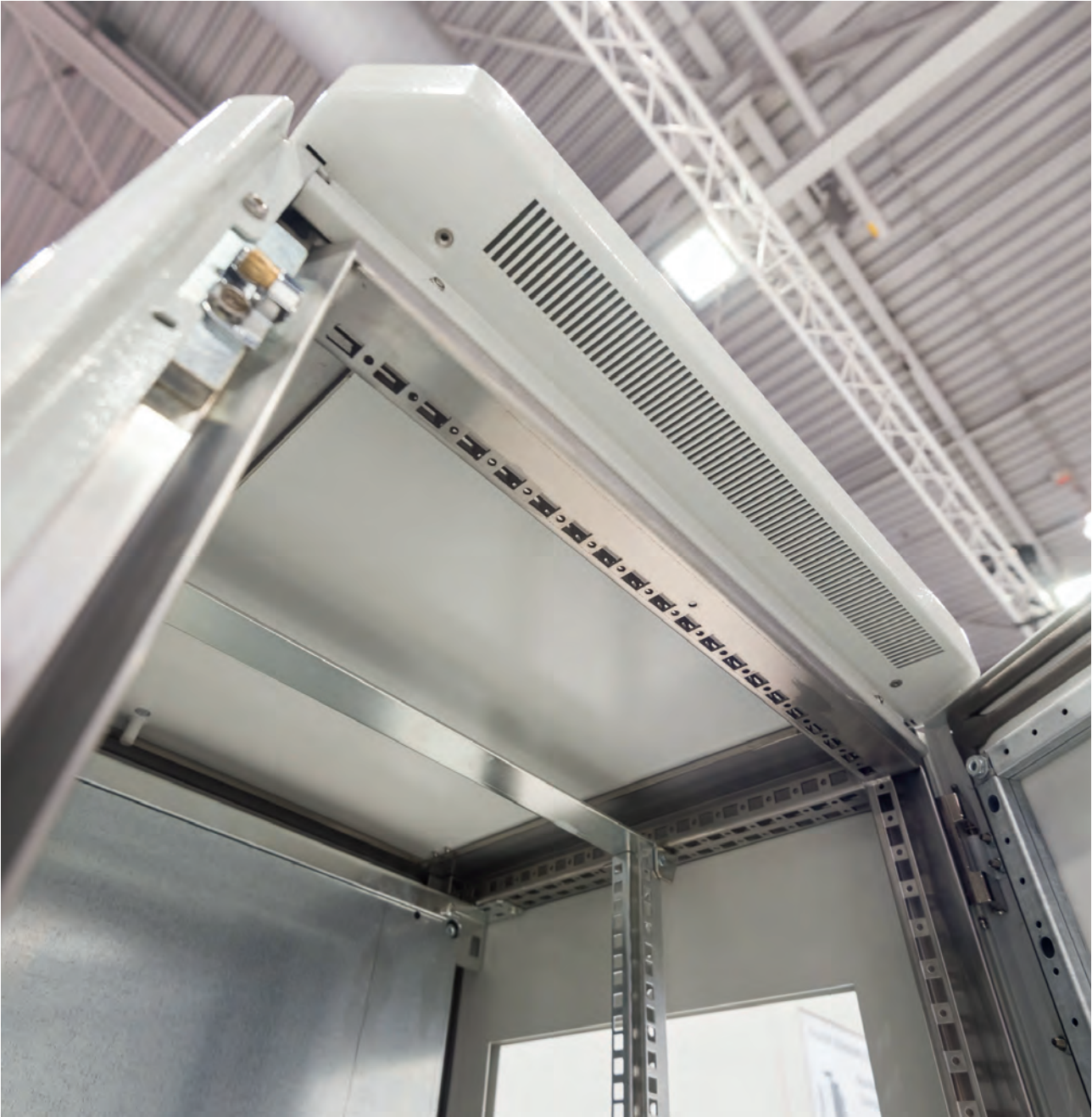


# Dimensional table | ECOM

## IP 66 | TYPE 4X, 12, 13 | IK 10

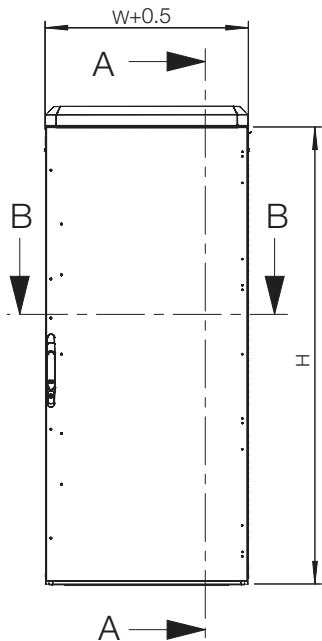
Without mounting plate

| Enclosure dimensions |     |     | Item no.  |
|----------------------|-----|-----|-----------|
| H                    | W   | D   |           |
| 1600                 | 600 | 600 | ECOM16066 |
| 1600                 | 800 | 600 | ECOM16086 |
| 1800                 | 600 | 600 | ECOM18066 |
| 1800                 | 800 | 600 | ECOM18086 |
| 2000                 | 600 | 600 | ECOM20066 |
| 2000                 | 800 | 600 | ECOM20086 |

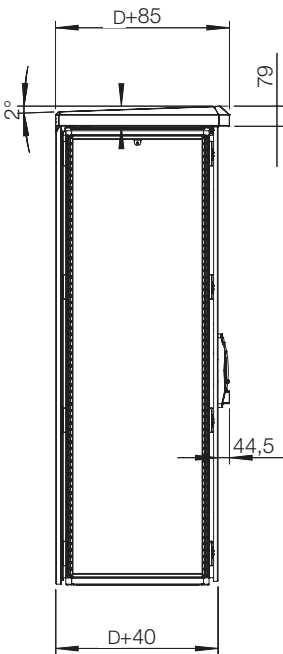




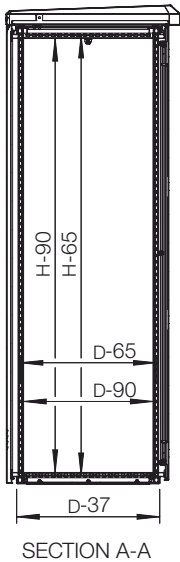
Front view



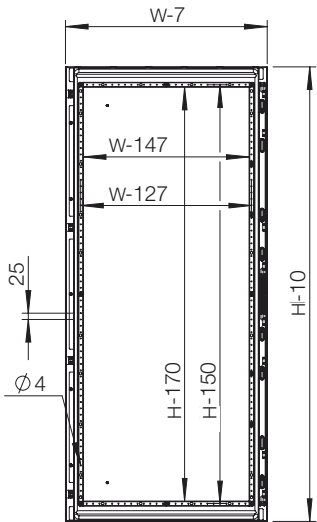
Side view



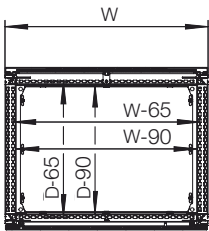
Sectional side view



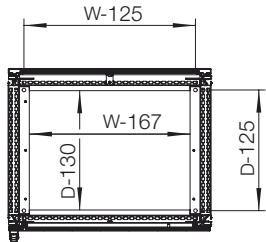
Inside door frame view



Sectional top view

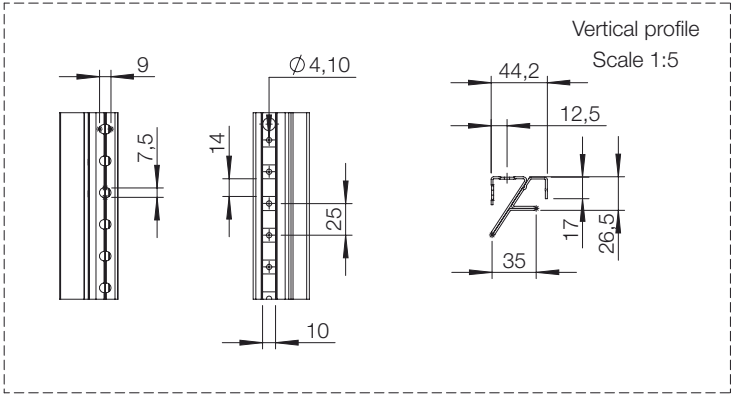


Sectional top view (without bottom plates)



SECTION B-B

SECTION C-C





# Floor Standing Enclosures

## Aluminium Range | Aluminium

### Compact, double wall | EKOM

IP 66 | TYPE 4X, 12, 13 | IK 10



**Material:**

Aluminium AlMg3. Frame: 2 mm. Door: 2 mm. Rear panel: 2 mm. Rain hood: 2 mm. Double wall: 2 mm.

**Body:**

One piece enclosure body. Integrated depth profiles with hole pattern, allowing mounting plate to be adjusted in depth. The frame in multiple door versions, is divided into individual modules by means of vertical dividers.

**Door:**

Double walled with top and bottom ventilation openings, allowing air flow. Mounted with concealed hinges, allowing left or right hand opening. Multiple door version has individual lockable doors.

**Rear panel:**

Fastened from the inside. Standard facilities for rear door mounting.

**Double wall:**

Rear and lateral double walls with top and bottom ventilation openings allowing air flow.

**Rainhood:**

Sloped rainhood with integrated rain gutter and ventilation channels in the perimeter.

**Lock:**

Espagnolette multiple point locking system. Standard swing handle with security lock.

**Bottom plates:**

Supplied as accessory.

**Earthing:**

All panels are earthed through their fittings and are equipped with a separate earthing stud.

**Finish:**

RAL 7035 structure powder coating 100% polyester.

**Protection:**

Complies with IP 66 | TYPE 4X, 12, 13 | IK 10, when a bottom plate is fitted.

**Approvals:**

Climatic and Chemically active substances resistance according to EN61969-3 "Mechanical structures for electronic equipment. Outdoor enclosures".

**Delivery:**

Frame with fitted door with swinghandle, rear panel, rain hood and double walls. Delivery also includes earthing bolts. Delivered on a pallet which is identical to the width of the enclosure to allow baying without removal. All packing material is recyclable. Mounting plate and bottom plates are not included in the standard delivery.



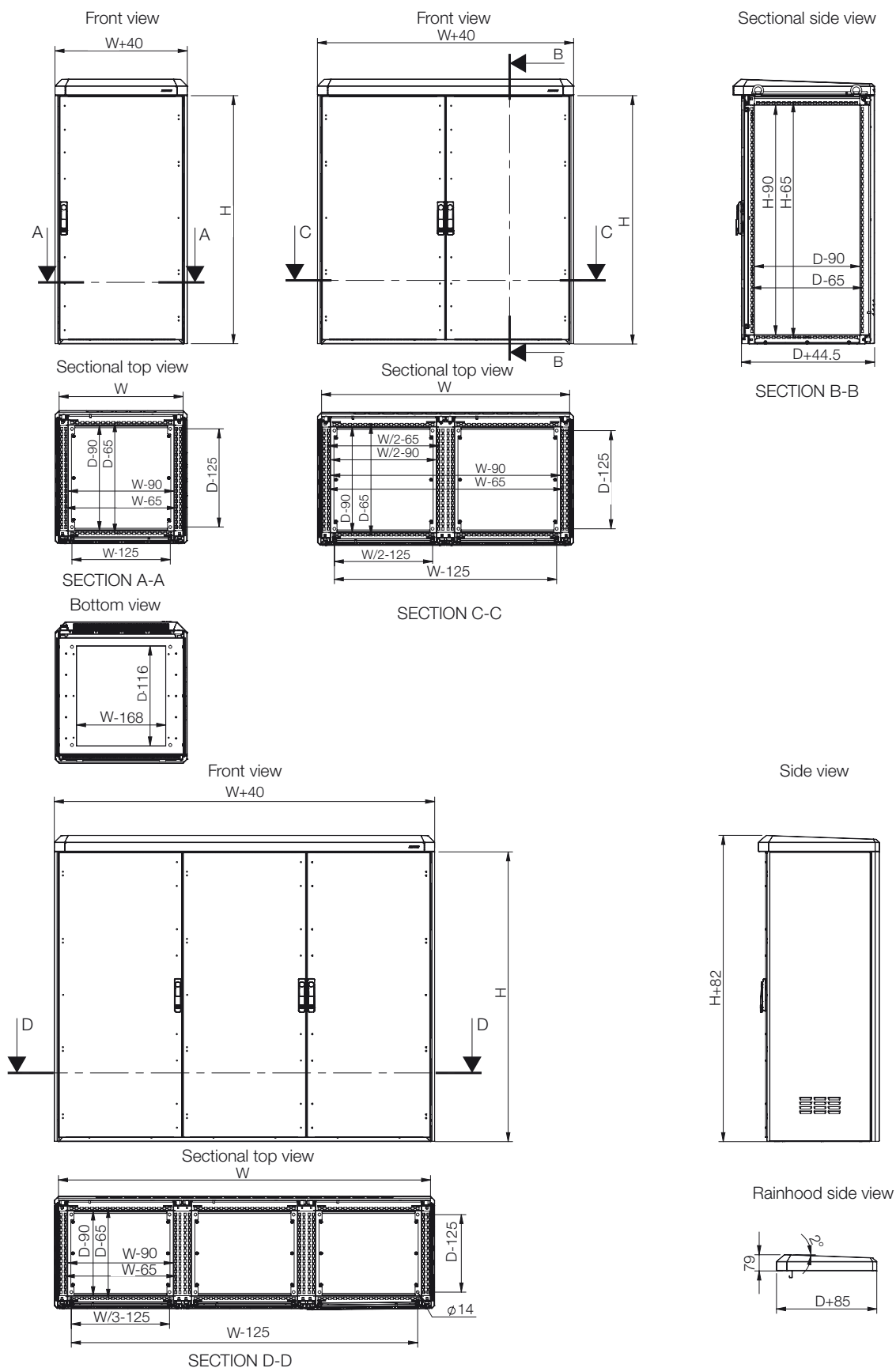
# Dimensional table | EKOM

## IP 66 | TYPE 4X, 12, 13 | IK 10

Without mounting plate / bottom plate

| Enclosure dimensions |      |     | N° of doors | Item no.  |
|----------------------|------|-----|-------------|-----------|
| H                    | W    | D   |             |           |
| 1200                 | 600  | 600 | 1           | EKOM12066 |
| 1200                 | 800  | 600 | 1           | EKOM12086 |
| 1200                 | 1200 | 600 | 2           | EKOM12126 |
| 1400                 | 600  | 600 | 1           | EKOM14066 |
| 1400                 | 800  | 600 | 1           | EKOM14086 |
| 1400                 | 1800 | 500 | 3           | EKOM14185 |





# Floor Standing Enclosures

## Aluminium Range | Aluminium

### Compact, single wall | EKOM-SW

IP 66 | TYPE 4X, 12, 13 | IK 10



**Material:**

Aluminium AlMg3. Frame: 2 mm. Door: 2 mm. Rear panel: 2 mm. Rain hood: 2 mm.

**Body:**

One piece enclosure body. Integrated depth profiles with hole pattern, allowing mounting plate adjustable in depth. The frame in multiple door versions, is divided into individual modules by means of vertical dividers.

**Door:**

Double walled with top and bottom ventilation openings, allowing air flow. Mounted with concealed hinges, allowing left or right hand opening. Multiple door version has individual lockable doors.

**Rear panel:**

Fastened from the inside. Standard facilities for rear door mounting.

**Rainhood:**

Sloped rainhood with integrated rain gutter and ventilation channels in the perimeter.

**Lock:**

Espagnolette multiple point locking system. Standard swing handle with security lock.

**Bottom plates:**

Supplied as accessory.

**Earthing:**

All panels are earthed through their fittings and are equipped with a separate earthing stud.

**Finish:**

RAL 7035 structure powder coating 100% polyester.

**Protection:**

Complies with IP 66 | TYPE 4X, 12, 13 | IK 10, when a bottom plate is fitted.

**Approvals:**

Climatic and Chemically active substances resistance according to EN61969-3 "Mechanical structures for electronic equipment. Outdoor enclosures".

**Delivery:**

Frame with fitted door with swinghandle, rear panel, rain hood. Delivery also includes earthing bolts. Delivered on a pallet which is identical to the width of the enclosure to allow baying without removal. All packing material is recyclable. Mounting plate and bottom plates are not included in the standard delivery.





# Dimensional table | EKOM-SW

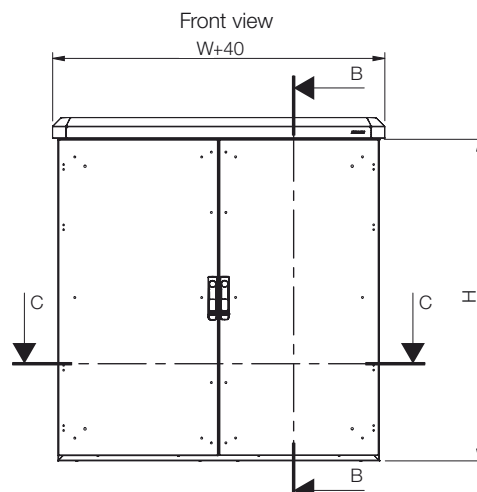
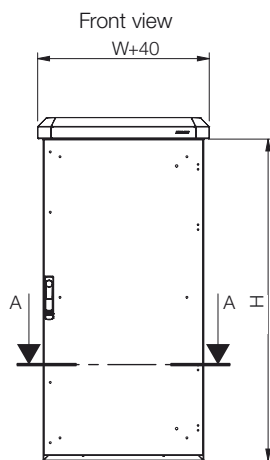
## IP 66 | TYPE 4X, 12, 13 | IK 10

Without mounting plate / bottom plate

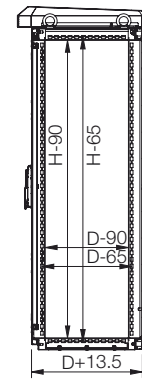
| Enclosure dimensions |      |     | N° of doors | Item no.     |
|----------------------|------|-----|-------------|--------------|
| H                    | W    | D   |             |              |
| 1200                 | 600  | 400 | 1           | EKOM12064-SW |
| 1200                 | 600  | 600 | 1           | EKOM12066-SW |
| 1200                 | 800  | 400 | 1           | EKOM12084-SW |
| 1200                 | 800  | 600 | 1           | EKOM12086-SW |
| 1200                 | 1200 | 400 | 2           | EKOM12124-SW |
| 1400                 | 1800 | 400 | 3           | EKOM14184-SW |





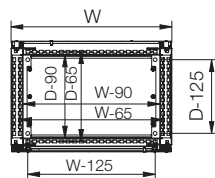


Sectional side view



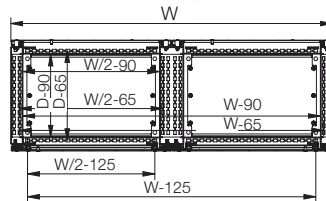
SECTION B-B

Sectional top view



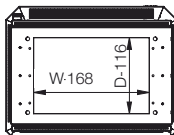
SECTION A-A

Sectional top view

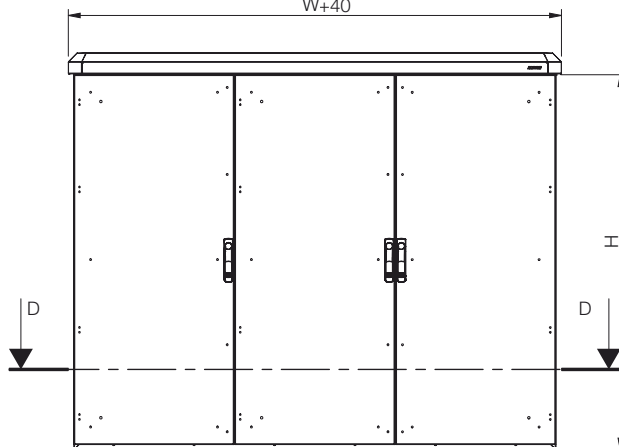


SECTION C-C

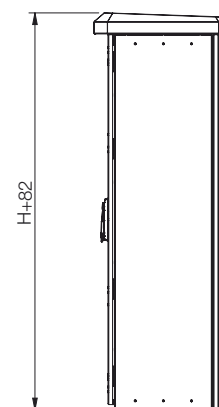
Bottom view



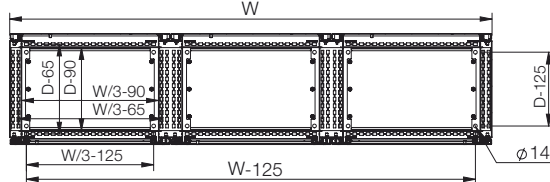
Front view  
W+40



Side view

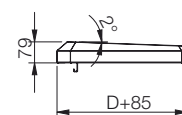


Sectional top view  
W

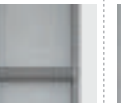


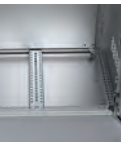
SECTION D-D

Rainhood side view



## Accessories selection matrix | ECOM

|                  |          |          |          |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
|------------------|----------|----------|----------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                  |          |          |          |  |  |  |  |  |  |  |
| <b>Enclosure</b> |          |          |          | <b>Mounting</b>                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
|                  | <b>H</b> | <b>W</b> | <b>D</b> | <b>Mounting plate</b>                                                             | <b>Aluminium mounting plate</b>                                                   | <b>Mounting profile, in H</b>                                                     | <b>Mounting profile, in W</b>                                                      | <b>Mounting profile, in D</b>                                                       | <b>Outer mounting profile, in W</b>                                                 | <b>Outer mounting profile, in D</b>                                                 |
| ECOM16066        | 1600     | 600      | 600      | MP1606                                                                            | MPAL1606                                                                          | CLPF1600                                                                          | CLPF600                                                                            | CLPF600                                                                             | CLPO600                                                                             | CLPO600                                                                             |
| ECOM16086        | 1600     | 800      | 600      | MP1608                                                                            | MPAL1608                                                                          | CLPF1600                                                                          | CLPF800                                                                            | CLPF600                                                                             | CLPO800                                                                             | CLPO600                                                                             |
| ECOM18066        | 1800     | 600      | 600      | MP1806                                                                            | MPAL1806                                                                          | CLPF1800                                                                          | CLPF600                                                                            | CLPF600                                                                             | CLPO600                                                                             | CLPO600                                                                             |
| ECOM18086        | 1800     | 800      | 600      | MP1808                                                                            | MPAL1808                                                                          | CLPF1800                                                                          | CLPF800                                                                            | CLPF600                                                                             | CLPO800                                                                             | CLPO600                                                                             |
| ECOM20066        | 2000     | 600      | 600      | MP2006                                                                            | MPAL2006                                                                          | CLPF2000                                                                          | CLPF600                                                                            | CLPF600                                                                             | CLPO600                                                                             | CLPO600                                                                             |
| ECOM20086        | 2000     | 800      | 600      | MP2008                                                                            | MPAL2008                                                                          | CLPF2000                                                                          | CLPF800                                                                            | CLPF600                                                                             | CLPO800                                                                             | CLPO600                                                                             |

|                                  |          |          |          |                                                                                    |                                                                                    |                                                                                    |                                                                                     |                                                                                      |                                                                                      |
|----------------------------------|----------|----------|----------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|                                  |          |          |          |  |  |  |  |  |  |
| <b>Enclosure</b>                 |          |          |          | <b>Mounting</b>                                                                    |                                                                                    |                                                                                    |                                                                                     |                                                                                      |                                                                                      |
|                                  | <b>H</b> | <b>W</b> | <b>D</b> | <b>Click in profile, in W</b>                                                      | <b>Click in profile, in D</b>                                                      | <b>Mounting profiles (19") *</b>                                                   | <b>Brackets for fixing 19" mounting profiles</b>                                    | <b>Carrier bars, in D</b>                                                            | <b>Carrier bars, in W</b>                                                            |
| ECOM16066                        | 1600     | 600      | 600      | CLPK600                                                                            | CLPK600                                                                            | CIP33                                                                              | CIB600                                                                              | CB600                                                                                | CB600                                                                                |
| ECOM16086                        | 1600     | 800      | 600      | CLPK800                                                                            | CLPK600                                                                            | CIP33                                                                              | CIB800                                                                              | CB600                                                                                | CB800                                                                                |
| ECOM18066                        | 1800     | 600      | 600      | CLPK600                                                                            | CLPK600                                                                            | CIP38                                                                              | CIB600                                                                              | CB600                                                                                | CB600                                                                                |
| ECOM18086                        | 1800     | 800      | 600      | CLPK800                                                                            | CLPK600                                                                            | CIP38                                                                              | CIB800                                                                              | CB600                                                                                | CB800                                                                                |
| ECOM20066                        | 2000     | 600      | 600      | CLPK600                                                                            | CLPK600                                                                            | CIP42                                                                              | CIB600                                                                              | CB600                                                                                | CB600                                                                                |
| ECOM20086                        | 2000     | 800      | 600      | CLPK800                                                                            | CLPK600                                                                            | CIP42                                                                              | CIB800                                                                              | CB600                                                                                | CB800                                                                                |
| * CIB, CID or CIWR are required. |          |          |          |                                                                                    |                                                                                    |                                                                                    |                                                                                     |                                                                                      |                                                                                      |

|                    |          |          |          |                                                                                     |                                                                                     |                                                                                      |                                                                                       |
|--------------------|----------|----------|----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                    |          |          |          |  |  |  |  |
| <b>Enclosure</b>   |          |          |          | <b>Fixing</b>                                                                       | <b>Cable</b>                                                                        | <b>Baying</b>                                                                        |                                                                                       |
|                    | <b>H</b> | <b>W</b> | <b>D</b> | <b>Plinth (100 mm height)</b>                                                       | <b>Aluminium bottom plates</b>                                                      | <b>Double wall aluminium side panels</b>                                             | <b>Segregation plate *</b>                                                            |
| ECOM16066          | 1600     | 600      | 600      | PFAL1066                                                                            | CBPA066                                                                             | SPMA1606                                                                             | -                                                                                     |
| ECOM16086          | 1600     | 800      | 600      | PFAL1086                                                                            | CBPA086                                                                             | SPMA1608                                                                             | -                                                                                     |
| ECOM18066          | 1800     | 600      | 600      | PFAL1066                                                                            | CBPA066                                                                             | SPMA1806                                                                             | -                                                                                     |
| ECOM18086          | 1800     | 800      | 600      | PFAL1086                                                                            | CBPA086                                                                             | SPMA1808                                                                             | -                                                                                     |
| ECOM20066          | 2000     | 600      | 600      | PFAL1066                                                                            | CBPA066                                                                             | SPMA2006                                                                             | SPDS2006                                                                              |
| ECOM20086          | 2000     | 800      | 600      | PFAL1086                                                                            | CBPA086                                                                             | SPMA2008                                                                             | SPDS2006                                                                              |
| * CCJ is required. |          |          |          |                                                                                     |                                                                                     |                                                                                      |                                                                                       |

|           |      |      |     |  |  |  |  |  |  |  |  |  |
|-----------|------|------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Enclosure |      |      |     | Mounting                                                                          |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
|           | H    | W    | D   | Mounting plate                                                                    | Aluminium mounting plate                                                          | Mounting profile, in H                                                            | Mounting profile, in W                                                            | Mounting profile, in D                                                            | Click in profile, in W                                                             | Click in profile, in D                                                              | Outer mounting profile, in W                                                        | Outer mounting profile, in D                                                        |
| EKOM12066 | 1200 | 600  | 600 | MP1206                                                                            | MPAL1206                                                                          | CLPF1200                                                                          | CLPF600                                                                           | CLPF600                                                                           | CLPK600                                                                            | CLPK600                                                                             | CLPO600                                                                             | CLPO600                                                                             |
| EKOM12086 | 1200 | 800  | 600 | MP1208                                                                            | MPAL1208                                                                          | CLPF1200                                                                          | CLPF600                                                                           | CLPF600                                                                           | CLPK800                                                                            | CLPK600                                                                             | CLPO600                                                                             | CLPO600                                                                             |
| EKOM12126 | 1200 | 1200 | 600 | 2x MP1206                                                                         | 2x MPAL1206                                                                       | CLPF1200                                                                          | 2x CLPF600                                                                        | 2x CLPF600                                                                        | 2x CLPK600                                                                         | 2x CLPK600                                                                          | 2x CLPO600                                                                          | 2x CLPO600                                                                          |
| EKOM14066 | 1400 | 600  | 600 | MP1406                                                                            | MPAL1406                                                                          | CLPF1400                                                                          | CLPF600                                                                           | CLPF600                                                                           | CLPK600                                                                            | CLPK600                                                                             | CLPO600                                                                             | CLPO600                                                                             |
| EKOM14086 | 1400 | 800  | 600 | MP1408                                                                            | MPAL1408                                                                          | CLPF1400                                                                          | CLPF800                                                                           | CLPF600                                                                           | CLPK800                                                                            | CLPK600                                                                             | CLPO800                                                                             | CLPO600                                                                             |
| EKOM14185 | 1400 | 1800 | 500 | 3x MP1406                                                                         | 3x MPAL1406                                                                       | CLPF1400                                                                          | 3x CLPF600                                                                        | CLPF500                                                                           | 3x CLPK600                                                                         | CLPK500                                                                             | 3x CLPO600                                                                          | CLPO500                                                                             |

|           |      |      |     |  |  |  |  |  |  |
|-----------|------|------|-----|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Enclosure |      |      |     | Mounting                                                                           |                                                                                    |                                                                                    |                                                                                     | Fixing                                                                               | Cable                                                                                |
|           | H    | W    | D   | Mounting profiles (19") *                                                          | Brackets for fixing 19" mounting profiles                                          | Carrier bars, in D                                                                 | Carrier bars, in W                                                                  | Plinth (100 mm height)                                                               | Aluminium bottom plates                                                              |
| EKOM12066 | 1200 | 600  | 600 | CIP24                                                                              | CIB600                                                                             | CB600                                                                              | CB600                                                                               | PFAL1066                                                                             | CBPA066                                                                              |
| EKOM12086 | 1200 | 800  | 600 | CIP24                                                                              | CIB800                                                                             | CB600                                                                              | CB800                                                                               | PFAL1086                                                                             | CBPA086                                                                              |
| EKOM12126 | 1200 | 1200 | 600 | CIP24                                                                              | 2x CIB600                                                                          | 2x CB600                                                                           | 2x CB600                                                                            | PFAL1126                                                                             | 2x CBPA066                                                                           |
| EKOM14066 | 1400 | 600  | 600 | CIP29                                                                              | CIB600                                                                             | CB600                                                                              | CB600                                                                               | PFAL1066                                                                             | CBPA066                                                                              |
| EKOM14086 | 1400 | 800  | 600 | CIP29                                                                              | CIB800                                                                             | CB600                                                                              | CB800                                                                               | PFAL1086                                                                             | CBPA086                                                                              |
| EKOM14185 | 1400 | 1800 | 500 | CIP29                                                                              | 3x CIB600                                                                          | CB500                                                                              | 3x CB600                                                                            | PFAL1185                                                                             | 3x CBPA065                                                                           |

\* CIB, CID or CIWR are required.

## Accessories selection matrix | EKOM-SW

|              |      |      |     |  |  |  |  |  |  |  |  |  |
|--------------|------|------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Enclosure    |      |      |     | Mounting                                                                          |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
|              | H    | W    | D   | Mounting plate                                                                    | Aluminium mounting plate                                                          | Mounting profile, in H                                                            | Mounting profile, in W                                                            | Mounting profile, in D                                                            | Click in profile, in W                                                             | Click in profile, in D                                                              | Outer mounting profile, in W                                                        | Outer mounting profile, in D                                                        |
| EKOM12064-SW | 1200 | 600  | 400 | MP1206                                                                            | MPAL1206                                                                          | CLPF1200                                                                          | CLPF600                                                                           | CLPF400                                                                           | CLPK600                                                                            | CLPK400                                                                             | CLPO600                                                                             | CLPO400                                                                             |
| EKOM12066-SW | 1200 | 600  | 600 | MP1206                                                                            | MPAL1206                                                                          | CLPF1200                                                                          | CLPF600                                                                           | CLPF600                                                                           | CLPK600                                                                            | CLPK600                                                                             | CLPO600                                                                             | CLPO600                                                                             |
| EKOM12084-SW | 1200 | 800  | 400 | MP1208                                                                            | MPAL1208                                                                          | CLPF1200                                                                          | CLPF800                                                                           | CLPF400                                                                           | CLPK800                                                                            | CLPK400                                                                             | CLPO800                                                                             | CLPO400                                                                             |
| EKOM12086-SW | 1200 | 800  | 600 | MP1208                                                                            | MPAL1208                                                                          | CLPF1200                                                                          | CLPF800                                                                           | CLPF600                                                                           | CLPK800                                                                            | CLPK600                                                                             | CLPO800                                                                             | CLPO600                                                                             |
| EKOM12124-SW | 1200 | 1200 | 400 | 2x MP1206                                                                         | 2x MPAL1206                                                                       | CLPF1200                                                                          | 2x CLPF600                                                                        | CLPF400                                                                           | 2x CLPK600                                                                         | CLPK400                                                                             | 2x CLPO600                                                                          | CLPO400                                                                             |
| EKOM14184-SW | 1400 | 1800 | 400 | 3x MP1406                                                                         | 3x MPAL1406                                                                       | CLPF1400                                                                          | 3x CLPF600                                                                        | CLPF400                                                                           | 3x CLPK600                                                                         | CLPK400                                                                             | 3x CLPO600                                                                          | CLPO400                                                                             |

|                                  |      |      |     |  |  |  |  |  |  |
|----------------------------------|------|------|-----|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Enclosure                        |      |      |     | Mounting                                                                           |                                                                                    |                                                                                    |                                                                                     | Fixing                                                                               | Cable                                                                                |
|                                  | H    | W    | D   | Mounting profiles (19") *                                                          | Brackets for fixing 19" mounting profiles                                          | Carrier bars, in D                                                                 | Carrier bars, in W                                                                  | Plinth (100 mm height)                                                               | Aluminium bottom plates                                                              |
| EKOM12064-SW                     | 1200 | 600  | 400 | CIP24                                                                              | CIB600                                                                             | CB400                                                                              | CB600                                                                               | PFAL1064                                                                             | CBPA064                                                                              |
| EKOM12066-SW                     | 1200 | 600  | 600 | CIP24                                                                              | CIB600                                                                             | CB600                                                                              | CB600                                                                               | PFAL1066                                                                             | CBPA066                                                                              |
| EKOM12084-SW                     | 1200 | 800  | 400 | CIP24                                                                              | CIB800                                                                             | CB400                                                                              | CB800                                                                               | PFAL1084                                                                             | CBPA084                                                                              |
| EKOM12086-SW                     | 1200 | 800  | 600 | CIP24                                                                              | CIB800                                                                             | CB600                                                                              | CB800                                                                               | PFAL1086                                                                             | CBPA086                                                                              |
| EKOM12124-SW                     | 1200 | 1200 | 400 | CIP24                                                                              | 2x CIB600                                                                          | CB400                                                                              | 2x CB600                                                                            | PFAL1124                                                                             | 2x CBPA064                                                                           |
| EKOM14184-SW                     | 1400 | 1800 | 400 | CIP29                                                                              | 3x CIB600                                                                          | CB400                                                                              | 3x CB600                                                                            | PFAL1184                                                                             | 3x CBPA064                                                                           |
| * CIB, CID or CIWR are required. |      |      |     |                                                                                    |                                                                                    |                                                                                    |                                                                                     |                                                                                      |                                                                                      |

# Floor Standing Enclosures

## Aluminium Range

### Accessories

## Mounting plates aluminium, MPAL

**Description:** Aluminium mounting plate. Fixing bracket kit MPA06 to be ordered separately. For heavy loads in vibrating environments use mounting plate reinforcement profile MPR and MPE or MPEF brackets.

**Material:** 3 mm Aluminium Al Mg3.

**Pack quantity:** 1 piece.

| For enclosure |     | Mounting plate dimensions |     | Item no. |
|---------------|-----|---------------------------|-----|----------|
| H             | W   | h                         | w   |          |
| 1200          | 600 | 1094                      | 494 | MPAL1206 |
| 1200          | 800 | 1094                      | 694 | MPAL1208 |
| 1400          | 600 | 1294                      | 494 | MPAL1406 |
| 1400          | 800 | 1294                      | 694 | MPAL1408 |
| 1600          | 600 | 1494                      | 494 | MPAL1606 |
| 1600          | 800 | 1494                      | 694 | MPAL1608 |
| 1800          | 600 | 1694                      | 494 | MPAL1806 |
| 1800          | 800 | 1694                      | 694 | MPAL1808 |
| 2000          | 600 | 1894                      | 494 | MPAL2006 |
| 2000          | 800 | 1894                      | 694 | MPAL2008 |



## Side panels aluminium, SPMA

**Description:** Easy one man assembly. Sealed by an extruded, one piece polyurethane gasket and mounted with screws.

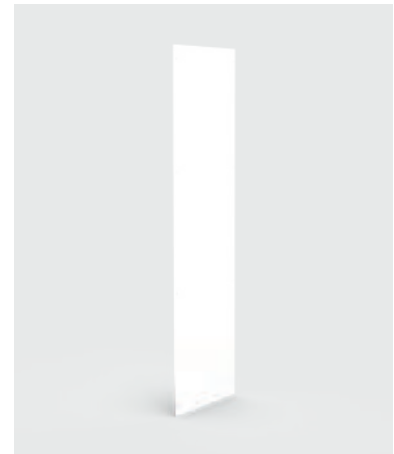
**Material:** Aluminium AlMg3.

**Finish:** RAL 7035 structured powder coating 100% polyester.

**Protection:** IP 66 | TYPE 4X, 12, 13.

**Pack quantity:** 2 double wall side panels with mounting accessories.

| For enclosure |     | Item no. |
|---------------|-----|----------|
| H             | D   |          |
| 1600          | 600 | SPMA1606 |
| 1800          | 600 | SPMA1806 |
| 2000          | 600 | SPMA2006 |



# Floor Standing Enclosures

## Aluminium Range

### Accessories

## Aluminium plinth, PFAL

- Description:

Aluminium plinth allows cabling without any restrictions. The plinth consists of two lateral profiles with removable front and rear plates.
- Material:

Aluminium AlMg3. Profiles: 3 mm and panels 2 mm.
- Finish:

RAL 7035 polyester powder coated.
- Pack quantity:

1 plinth with mounting material.

| Enclosure dimensions |      |     |          |
|----------------------|------|-----|----------|
| H                    | W    | D   | Item no. |
| 100                  | 600  | 400 | PFAL1064 |
| 100                  | 600  | 600 | PFAL1066 |
| 100                  | 800  | 400 | PFAL1084 |
| 100                  | 800  | 600 | PFAL1086 |
| 100                  | 1200 | 400 | PFAL1124 |
| 100                  | 1200 | 600 | PFAL1126 |
| 100                  | 1800 | 400 | PFAL1184 |
| 100                  | 1800 | 500 | PFAL1185 |

Note: Plinth 1800 mm wide made of two pieces.



## Ground mounted plinth, PGM

- Description:

Ground mounted plinth 1000 mm height. Excavation depth: 700-950 mm.
- Material:

2 mm galvanized steel.
- Finish:

RAL 7035 polyester powder coated.
- Pack quantity:

1 kit of ground mounted plinth.

| For enclosure |      |     |          |
|---------------|------|-----|----------|
| H             | W    | D   | Item no. |
| 1000          | 600  | 400 | PGM10064 |
| 1000          | 600  | 600 | PGM10066 |
| 1000          | 800  | 400 | PGM10084 |
| 1000          | 800  | 600 | PGM10086 |
| 1000          | 1200 | 400 | PGM10124 |
| 1000          | 1200 | 600 | PGM10126 |
| 1000          | 1800 | 400 | PGM10184 |





# Floor Standing Enclosures

## Aluminium Range

### Accessories

01

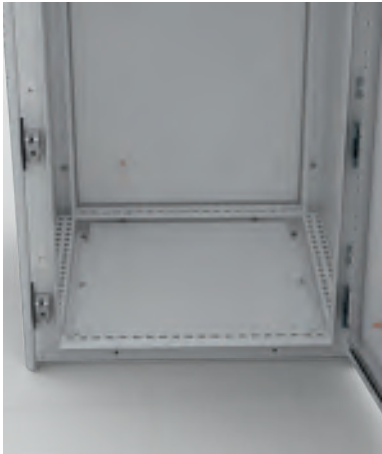
Floor Standing Enclosures

## Aluminium bottom plates, CBPA

- Description:** One piece bottom plate.
- Material:** 2 mm Aluminium AlMg3.
- Finish:** RAL 7035 polyester powder coated.
- Pack quantity:** 1 kit of bottom plate.

| For enclosure |     |          |
|---------------|-----|----------|
| W             | D   | Item no. |
| 600           | 400 | CBPA064  |
| 600           | 500 | CBPA065  |
| 600           | 600 | CBPA066  |
| 800           | 400 | CBPA084  |
| 800           | 600 | CBPA086  |

Note: For enclosures 1200 mm & 1800 mm wide use 2 x 600 mm or 3 x 600 mm wide bottom plates.





# Floor Standing Enclosures

## EMC Range | Galvanized Steel

### Single door | MCSE

IP 54 | TYPE 12 | IK 10



**Material:**

Frame: 1.5 mm / 1.75 mm zinc plated steel. Door: 2 mm zinc plated steel. Rear, roof and side panels: 1.5 mm zinc plated steel. Mounting plate: 3 mm galvanized steel. Bottom plates: 1 mm galvanized steel.

**Frame:**

Seam welded reversed open profiles with 25 mm hole pattern, according to DIN 43660. Including integrated external hole pattern.

**Door:**

With 4 hinges allowing left or right hand opening. Including door frame with 25 mm hole pattern. Sealing is attained by a conductive polyurethane EMC gasket.

**Rear panel:**

Fitted by M6 torx screws. Standard facilities for rear door mounting.

**Side panels:**

Supplied as an accessory.

**Roof panel:**

Removable.

**Lock:**

Espagnolette 4-point locking system. Does not interfere with the enclosure inner space. Standard double-bit lock with 3 mm pin. Standard inserts, cylinders, lift handles and T-handles are available as accessories.

**Mounting plate:**

Double folded and slides into position. Adjustable in depth by steps of 25 mm, with the MPD02 accessory. In the enclosure delivery, mounting plate is supplied, attached on the outside of the enclosure packaging.

**Bottom plates:**

Consists of three pieces. For 800 mm deep 4 pieces.

**Earthing:**

All panels are earthed through their fittings and are equipped with a separate earthing stud.

**Finish:**

RAL 7035 structure powder coating on the outside only.

**Protection:**

IP 54 | TYPE 12 | IK 10.

**Delivery:**

Frame with fitted door, rear panel, roof panel, bottom plates, mounting plate and door frame. Delivery also includes earthing bolts and EMI conductive combination gasket. Delivered on a pallet which is identical to the width of the enclosure to allow baying without removal. All packing material is recyclable.

**Note:**

Also available in stainless steel (MCSSE).



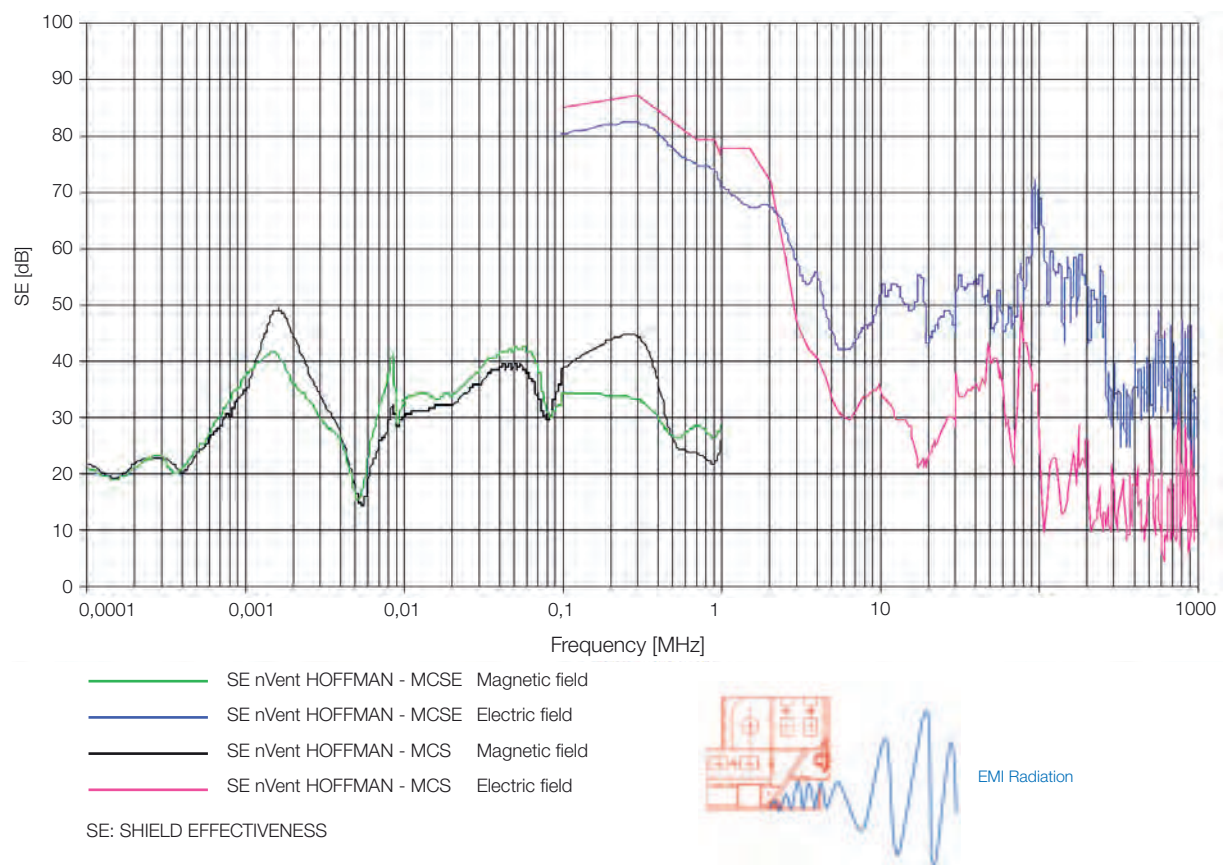
# Dimensional table | MCSE

IP 54 | TYPE 12 | IK 10

| Enclosure dimensions |     |     | Mounting plate dimensions |     | Usable depth | Item no.    |
|----------------------|-----|-----|---------------------------|-----|--------------|-------------|
| H                    | W   | D   | h                         | w   | d            |             |
| 2000                 | 800 | 600 | 1894                      | 694 | 559          | MCSE20086R5 |
| 2000                 | 800 | 800 | 1894                      | 694 | 759          | MCSE20088R5 |

All the MCS standard sizes are available as an EMC version on request, including other dimensions. For EMC sidepanels see SPME.

# Dimensional drawing | MCSE





# 01

## Floor Standing Enclosures

1



# Floor Standing Enclosures

## EMC Range

### Accessories

## Glazed door (61%), DNGE

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | Standard door fitted with clear safety glass to view the inside of the enclosure. Equipped with double-bit 3 mm lock system and door frame. Allows all options of the locking program. Sealing is maintained by a conductive polyurethane EMC gasket. To ensure the EMI effectiveness a mesh wire is placed behind the glass window with a clearance percentage of 61%. Use hinge kit DNMK if not for replacement of standard door. |
| <b>Material:</b>              | Frame: 2 mm zinc plated steel. Viewing area: 3 mm clear safety glass.                                                                                                                                                                                                                                                                                                                                                               |
| <b>Finish:</b>                | RAL 7035 structure powder coating on the outside only.                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Protection:</b>            | IP 54   TYPE 12   IK 07.                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Mounting requirements:</b> | If no door was fitted previously use hinge kit DNMK01.                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Pack quantity:</b>         | 1 piece.                                                                                                                                                                                                                                                                                                                                                                                                                            |

| H    | W   | h    | w   | Item no.   |
|------|-----|------|-----|------------|
| 2000 | 800 | 1776 | 615 | DNGE2008R5 |



## Side panels, SPME

|                       |                                                                                                                    |
|-----------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | For covering the sides of the MCSE enclosures. Equipped with a conductive gasket providing both EMC/IP protection. |
| <b>Material:</b>      | 1,5 mm zinc plated steel.                                                                                          |
| <b>Finish:</b>        | RAL 7035 structured powder coating on the outside only.                                                            |
| <b>Protection:</b>    | IP 54   TYPE 12.                                                                                                   |
| <b>Pack quantity:</b> | 2 panels with mounting accessories.                                                                                |

| For enclosure |     |            |
|---------------|-----|------------|
| H             | D   | Item no.   |
| 2000          | 600 | SPME2006R5 |
| 2000          | 800 | SPME2008R5 |

Other sizes available on request.



## Separation plates, SPD EMC

|                               |                                                                                     |
|-------------------------------|-------------------------------------------------------------------------------------|
| <b>Description:</b>           | Separates two bayed enclosures. For EMI separation the SPDEG gasket must be fitted. |
| <b>Material:</b>              | 1,5 mm zinc plated steel.                                                           |
| <b>Pack quantity:</b>         | 1 piece.                                                                            |
| <b>Mounting requirements:</b> | Add CCJ brackets for mounting.                                                      |

| Item no. |
|----------|
| SPD2006  |
| SPD2008  |





## Separation plate brackets, CCJ

|                       |                                                                                             |
|-----------------------|---------------------------------------------------------------------------------------------|
| <b>Description:</b>   | Mounted to the enclosure's frame. Can be used on both vertical and the horizontal profiles. |
| <b>Material:</b>      | 3 mm zinc plated steel.                                                                     |
| <b>Pack quantity:</b> | 6 brackets with mounting accessories.                                                       |

| Item no. |
|----------|
| CCJ06    |



## Gasket for EMC shielding, SPDEG

|                       |                                                                                                   |
|-----------------------|---------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | To obtain an EMC shielded section in a suited panel in combination with the separation plate SPD. |
| <b>Material:</b>      | Polyurethane foam with conductive layer (UL94HB).                                                 |
| <b>Protection:</b>    | IP 43   TYPE 1.                                                                                   |
| <b>Pack quantity:</b> | 6 m.                                                                                              |

| Item no. |
|----------|
| SPDEG01  |



# Floor Standing Enclosures

## EMC Range

### Accessories

## EMC Filter fans, EFE

|                       |                                                                                                                                                                                                                                      |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | EMC capable filter fan. Special EMC screen in combination with stainless steel contact strips guarantee good contact with enclosure surface. Cutting edge surface of the enclosure needs to be blank for contact. Long service life. |
| <b>Approvals:</b>     | CE, UKCA, GOST, UR, cUL.                                                                                                                                                                                                             |
| <b>Material:</b>      | Plastic, UL 94-V0. EMC screen: stainless steel, contact strips.                                                                                                                                                                      |
| <b>Pack quantity:</b> | 1 fan with filter.                                                                                                                                                                                                                   |

230 V AC, 50/60 Hz

| Unimpeded airflow (m³/h) | EFE+EFAE Air flow (m³/h) | Filter mat (EN779) | Filtration efficiency (%) | Service life L10 (40°C) (h) | Bearing type | Item no. |
|--------------------------|--------------------------|--------------------|---------------------------|-----------------------------|--------------|----------|
| 61/70                    | 44/52                    | G4                 | >90                       | 37.500                      | Sleeve       | EFE200R5 |
| 110/125                  | 82/93                    | G4                 | >90                       | 37.500                      | Sleeve       | EFE220R5 |
| 156/171                  | 116/127                  | G4                 | >90                       | 40.000                      | Ball         | EFE250R5 |
| 256/292                  | 231/265                  | G4                 | >90                       | 40.000                      | Ball         | EFE300R5 |
| 480/480                  | 370/370                  | G3                 | 80-90                     | 40.000                      | Ball         | EFE500R5 |
| 640/653                  | 445/445                  | G3                 | 80-90                     | 40.000                      | Ball         | EFE600R5 |
| 845/875                  | 560/625                  | G3                 | 80-90                     | 40.000                      | Ball         | EFE700R5 |

230 V AC, 50/60 Hz

| Noise (dB) | IP | Cut-out (mm)  | Weight (kg) | Connection     | Current (A) | Power (W) | Fuse (A) | Item no. |
|------------|----|---------------|-------------|----------------|-------------|-----------|----------|----------|
| 44         | 54 | 126,5 x 126,5 | 0.80        | Terminal strip | 0.12/0.18   | 19/18     | 6        | EFE200R5 |
| 40         | 54 | 178 x 178     | 1.05        | Terminal strip | 0.12/0.18   | 19/18     | 6        | EFE220R5 |
| 40         | 54 | 224 x 224     | 1.45        | Spring type    | 0.12/0.10   | 18/17     | 6        | EFE250R5 |
| 42         | 54 | 224 x 224     | 1.90        | Spring type    | 0.32/0.26   | 45/39     | 6        | EFE300R5 |
| 54         | 54 | 292 x 292     | 3.85        | Spring type    | 0.35/0.45   | 80/100    | 6        | EFE500R5 |
| 63         | 54 | 292 x 292     | 4.05        | Spring type    | 0.53/0.72   | 120/160   | 6        | EFE600R5 |
| 66         | 54 | 292 x 292     | 4.50        | Spring type    | 0.62/0.86   | 140/197   | 6        | EFE700R5 |

IP 55 on request



## EMC Exhaust filter, EFAE

|                       |                                                                                                            |
|-----------------------|------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | Suitable for specific EMC enclosures. Cutting edge surface of the enclosure needs to be blank for contact. |
| <b>Material:</b>      | Plastic, UL94-V0. EMC screen: stainless steel, contact strips.                                             |
| <b>Approvals:</b>     | CE, UKCA, GOST, UR, cUL.                                                                                   |
| <b>Protection:</b>    | IP 54.                                                                                                     |
| <b>Pack quantity:</b> | 1 filter with housing.                                                                                     |

| Filter mat (EN779) | Filtration efficiency (%) | Cut out dim.  | Depth | Item no.      |
|--------------------|---------------------------|---------------|-------|---------------|
| G4                 | >90                       | 126.5 x 126.5 | 26    | EFAE200R5     |
| G4                 | >90                       | 178 x 178     | 34    | EFAE220R5     |
| G4                 | >90                       | 224 x 224     | 38    | EFAE250-300R5 |
| G3                 | >90                       | 292 x 292     | 39    | EFAE500-700R5 |

IP 55 models on request.

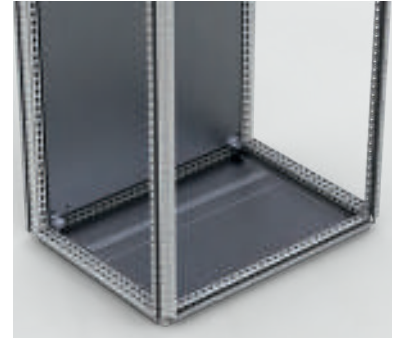




## Ventilated bottom plates, CVB EMC

- Description:** Three piece bottom plates. Can be used in combination with a ventilated plinth PV. 33% ventilation.
- Material:** 1.5 mm perforated zinc plated steel.
- Pack quantity:** 3 pieces with mounting material.
- Mounting requirements:** Use in combination with ventilated plinths PV.

| For enclosure |     |          |
|---------------|-----|----------|
| W             | D   | Item no. |
| 800           | 600 | CVB0806  |
| 800           | 800 | CVB0808  |



## EMC cable entry and bottom plate gasket, BGE

- Description:** The bottom of the enclosure is sealed by the use of an adhesive gasket applied to the frame around the bottom opening. The cables are sealed by the addition of adhesive foam placed between the bottom plates. The elasticity and the size of this foam ensures a tight seal around most cables. Added conductive material provides a good contact to shield the transfer of electro-magnetic radiation.
- Pack quantity:** 2 m adhesive EMC gasket for cable entry. For 1600 mm wide enclosures please order 2 sets.

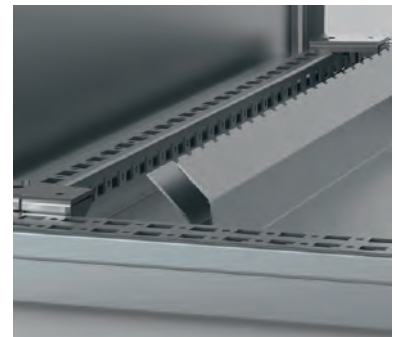
| Item no. |
|----------|
| BGE01    |



## EMC connection bottom plate, CBPE

- Description:** Replaces two parts of the standard three or four piece bottom plates. Due to the hammer head cones, EMI cables can be directly earthed to the bottom plate keeping the "Faraday cage".
- Material:** 1,5 mm zinc plated steel.
- Pack quantity:** 2 pieces with EMI gasket and mounting accessories.

| For enclosure |     |          |
|---------------|-----|----------|
| W             | D   | Item no. |
| 600           | 600 | CBPE0606 |
| 600           | 800 | CBPE0608 |
| 800           | 600 | CBPE0806 |
| 800           | 800 | CBPE0808 |











## 02 Wall Mounted Enclosures

2

### Mild Steel

|                       |     |
|-----------------------|-----|
| Single door, MAS..... | 262 |
| Double door, MAD..... | 272 |
| Panel, MAP.....       | 278 |

### Stainless Steel

|                       |     |
|-----------------------|-----|
| Single door, ASR..... | 282 |
| Double door, ADR..... | 290 |
| Single door, AFS..... | 294 |

### Polyester

|                          |     |
|--------------------------|-----|
| Compact, UCP / UCPT..... | 342 |
| Modular, UDP / UDPT..... | 354 |

### Hygienic Design

|                        |     |
|------------------------|-----|
| Single door, HDW ..... | 368 |
|------------------------|-----|

### Galvanized Steel, EMC

|                        |     |
|------------------------|-----|
| Single door, MASE..... | 374 |
|------------------------|-----|

### Hazardous Location

|                                                   |     |
|---------------------------------------------------|-----|
| ZONEX, Stainless Steel, Single door, EXE-WM ..... | 378 |
|---------------------------------------------------|-----|

### Accessories

|                                          |            |
|------------------------------------------|------------|
| <b>Steel range.....</b>                  | <b>300</b> |
| Mounting plates.....                     | 302        |
| Modular system .....                     | 308        |
| Fixation.....                            | 313        |
| Doors .....                              | 317        |
| Locks .....                              | 328        |
| Baying & Lifting.....                    | 331        |
| Gland plates, Ventilation & Cabling..... | 332        |
| Earthing.....                            | 338        |
| Protection .....                         | 340        |
| <b>Polyester range / Compact.....</b>    | <b>348</b> |
| Mounting.....                            | 348        |
| Fixing .....                             | 352        |
| Doors .....                              | 353        |
| Ventilation.....                         | 353        |
| <b>Polyester range / Modular .....</b>   | <b>360</b> |
| Mounting.....                            | 360        |
| Fixing .....                             | 362        |
| Doors .....                              | 364        |
| Baying.....                              | 365        |
| Ventilation.....                         | 366        |
| Protection .....                         | 367        |
| <b>Hygienic Design.....</b>              | <b>372</b> |
| <b>EMC.....</b>                          | <b>377</b> |
| <b>Hazardous Location .....</b>          | <b>379</b> |

# Wall Mounted Enclosures

## Steel Range | Mild Steel

### Mild steel, single door enclosure | MAS

IP 66 | TYPE 4, 12, 13 | IK 10



**Material:**

Body: 1.2 mm mild steel for enclosures with a depth of 155 mm / 1.4 mm for enclosures with a depth of 210 or 260 mm / 1.5 mm for enclosures with a depth of 300 or 400 mm, or if a height or width is 1000 mm or greater. Gland plate: 1.4 mm mild steel. Door: 1.2 mm mild steel / 1.5 mm for enclosures with a height or width of 500 mm or greater / 2 mm for enclosures with a height or width of 800 mm or greater. Mounting plate: 2 mm galvanized steel.

**Body:**

Folded and seam welded. Four 8.5 mm diameter holes for wall fixing, pressed out in 20.4 mm diameter × 2 mm depressions, to allow air circulation around the rear part of the enclosure.

**Door:**

Surface mounted with 130° opening. Concealed removable hinges with captive pin. Hinges can be mounted to allow left or right hand opening. Inner M6 welded studs to mount door profiles MMDP. Sealing is ensured by an injected one piece polyurethane gasket.

**Lock:**

nVent HOFFMAN customized double-bit 3 mm lock, with 90° movement and anti-vibration mechanism. Two locks for 600 mm high to 800 mm high enclosures. Espagnolette three point locking for 1000 mm high enclosures and above. Other inserts are available as an accessory.

**Mounting plate:**

The mounting plate is marked vertically at 10 mm intervals, for easy horizontal positioning of equipment. On the top and bottom there are holes to facilitate cable fixing. Fixed onto M8 press welded studs to the rear of the enclosure. All sides, from 800 mm and above, are strengthened by folded edges. By using the AMG accessory, the mounting plate position can be adjusted to any depth.

**Gland Plate Opening:**

Situated at the far rear of the enclosure, to make cabling onto the mounting plate easier.

**Protection:**

Complies with IP 66 | TYPE 4, 12, 13 | IK 10. For outdoor installation, the use of a rain hood ARF and 100% polyester paint coating is recommended. The corrosion resistance must be taken into consideration.

**Finish:**

RAL 7035 structured powder coating.

**Delivery:**

Enclosure with door. For height 600 mm and above, two door mounting profiles. Gland plate(s) with gasket(s), plastic double-bit 3 mm key, and mounting accessories. Metallic key, for height 1000 mm and above. Earthing facilities.



## Dimensional table | MAS

### IP 66 | TYPE 4, 12, 13 | IK 10

With mounting plate

| Enclosure dimensions |     |     | Mounting plate dimensions |     | Usable depth | Gland plate |      |          | N° of locks | Item no.     |
|----------------------|-----|-----|---------------------------|-----|--------------|-------------|------|----------|-------------|--------------|
| H                    | W   | D   | h                         | w   | d            | Size        | Type | Openings |             |              |
| 200                  | 200 | 155 | 170                       | 150 | 137          | 110 × 56    | 0S   | 1        | 1           | MAS0202015R5 |
| 250                  | 200 | 155 | 220                       | 150 | 137          | 110 × 56    | 0S   | 1        | 1           | MAS0252015R5 |
| 250                  | 250 | 155 | 220                       | 200 | 137          | 110 × 56    | 0S   | 1        | 1           | MAS0252515R5 |
| 300                  | 250 | 155 | 270                       | 200 | 137          | 110 × 56    | 0S   | 1        | 1           | MAS0302515R5 |
| 300                  | 250 | 210 | 270                       | 200 | 192          | 110 × 56    | 0S   | 1        | 1           | MAS0302521R5 |
| 300                  | 300 | 155 | 270                       | 250 | 137          | 210 × 56    | 1S   | 1        | 1           | MAS0303015R5 |
| 300                  | 300 | 210 | 270                       | 250 | 192          | 210 × 56    | 1    | 1        | 1           | MAS0303021R5 |
| 350                  | 250 | 155 | 320                       | 200 | 137          | 110 × 56    | 0S   | 1        | 1           | MAS0352515R5 |
| 400                  | 300 | 155 | 370                       | 250 | 137          | 210 × 56    | 1S   | 1        | 1           | MAS0403015R5 |
| 400                  | 300 | 210 | 370                       | 250 | 192          | 210 × 96    | 1    | 1        | 1           | MAS0403021R5 |
| 400                  | 400 | 210 | 370                       | 350 | 192          | 310 × 96    | 2    | 1        | 1           | MAS0404021R5 |
| 400                  | 500 | 210 | 370                       | 450 | 192          | 410 × 96    | 3    | 1        | 1           | MAS0405021R5 |
| 400                  | 600 | 210 | 370                       | 550 | 192          | 510 × 96    | 4    | 1        | 1           | MAS0406021R5 |
| 500                  | 300 | 210 | 470                       | 250 | 192          | 210 × 96    | 1    | 1        | 1           | MAS0503021R5 |
| 500                  | 400 | 155 | 470                       | 350 | 137          | 310 × 56    | 2S   | 1        | 1           | MAS0504015R5 |
| 500                  | 400 | 210 | 470                       | 350 | 192          | 310 × 96    | 2    | 1        | 1           | MAS0504021R5 |
| 500                  | 400 | 260 | 470                       | 350 | 242          | 310 × 96    | 2    | 1        | 1           | MAS0504026R5 |
| 500                  | 400 | 300 | 470                       | 350 | 282          | 310 × 96    | 2    | 1        | 1           | MAS0504030R5 |
| 500                  | 500 | 210 | 470                       | 450 | 192          | 410 × 96    | 3    | 1        | 1           | MAS0505021R5 |
| 500                  | 500 | 300 | 470                       | 450 | 282          | 410 × 96    | 3    | 1        | 1           | MAS0505030R5 |
| 600                  | 400 | 155 | 570                       | 350 | 137          | 310 × 56    | 2S   | 1        | 2           | MAS0604015R5 |
| 600                  | 400 | 210 | 570                       | 350 | 192          | 310 × 96    | 2    | 1        | 2           | MAS0604021R5 |
| 600                  | 400 | 260 | 570                       | 350 | 242          | 310 × 96    | 2    | 1        | 2           | MAS0604026R5 |
| 600                  | 400 | 300 | 570                       | 350 | 282          | 310 × 96    | 2    | 1        | 2           | MAS0604030R5 |
| 600                  | 500 | 155 | 570                       | 450 | 137          | 410 × 56    | 3S   | 1        | 2           | MAS0605015R5 |
| 600                  | 500 | 210 | 570                       | 450 | 192          | 410 × 96    | 3    | 1        | 2           | MAS0605021R5 |
| 600                  | 500 | 260 | 570                       | 450 | 242          | 410 × 96    | 3    | 1        | 2           | MAS0605026R5 |
| 600                  | 500 | 300 | 570                       | 450 | 282          | 410 × 96    | 3    | 1        | 2           | MAS0605030R5 |
| 600                  | 600 | 210 | 570                       | 550 | 192          | 510 × 96    | 4    | 1        | 2           | MAS0606021R5 |
| 600                  | 600 | 300 | 570                       | 550 | 282          | 510 × 96    | 4    | 1        | 2           | MAS0606030R5 |
| 600                  | 600 | 400 | 570                       | 550 | 382          | 510 × 96    | 4    | 1        | 2           | MAS0606040R5 |
| 600                  | 800 | 300 | 570                       | 750 | 282          | 310 × 96    | 2    | 2        | 2           | MAS0608030R5 |
| 700                  | 500 | 210 | 670                       | 450 | 192          | 410 × 96    | 3    | 1        | 2           | MAS0705021R5 |
| 700                  | 500 | 260 | 670                       | 450 | 242          | 410 × 96    | 3    | 1        | 2           | MAS0705026R5 |
| 800                  | 400 | 300 | 770                       | 350 | 282          | 310 × 96    | 2    | 1        | 2           | MAS0804030R5 |
| 800                  | 600 | 210 | 770                       | 550 | 192          | 510 × 96    | 4    | 1        | 2           | MAS0806021R5 |
| 800                  | 600 | 260 | 770                       | 550 | 242          | 510 × 96    | 4    | 1        | 2           | MAS0806026R5 |
| 800                  | 600 | 300 | 770                       | 550 | 282          | 510 × 96    | 4    | 1        | 2           | MAS0806030R5 |
| 800                  | 600 | 400 | 770                       | 550 | 382          | 510 × 96    | 4    | 1        | 2           | MAS0806040R5 |
| 800                  | 800 | 210 | 770                       | 750 | 192          | 310 × 96    | 2    | 2        | 2           | MAS0808021R5 |
| 800                  | 800 | 300 | 770                       | 750 | 282          | 310 × 96    | 2    | 2        | 2           | MAS0808030R5 |
| 800                  | 800 | 400 | 770                       | 750 | 382          | 310 × 96    | 2    | 2        | 2           | MAS0808040R5 |
| 1000                 | 600 | 260 | 970                       | 550 | 242          | 510 × 96    | 4    | 1        | 1*          | MAS1006026R5 |
| 1000                 | 600 | 300 | 970                       | 550 | 282          | 510 × 96    | 4    | 1        | 1*          | MAS1006030R5 |
| 1000                 | 800 | 260 | 970                       | 750 | 242          | 310 × 96    | 2    | 2        | 1*          | MAS1008026R5 |
| 1000                 | 800 | 300 | 970                       | 750 | 282          | 310 × 96    | 2    | 2        | 1*          | MAS1008030R5 |
| 1000                 | 800 | 400 | 970                       | 750 | 382          | 310 × 96    | 2    | 2        | 1*          | MAS1008040R5 |
| 1200                 | 600 | 300 | 1170                      | 550 | 282          | 510 × 96    | 4    | 1        | 1*          | MAS1206030R5 |
| 1200                 | 800 | 300 | 1170                      | 750 | 282          | 310 × 96    | 2    | 2        | 1*          | MAS1208030R5 |
| 1200                 | 800 | 400 | 1170                      | 750 | 382          | 310 × 96    | 2    | 2        | 1*          | MAS1208040R5 |



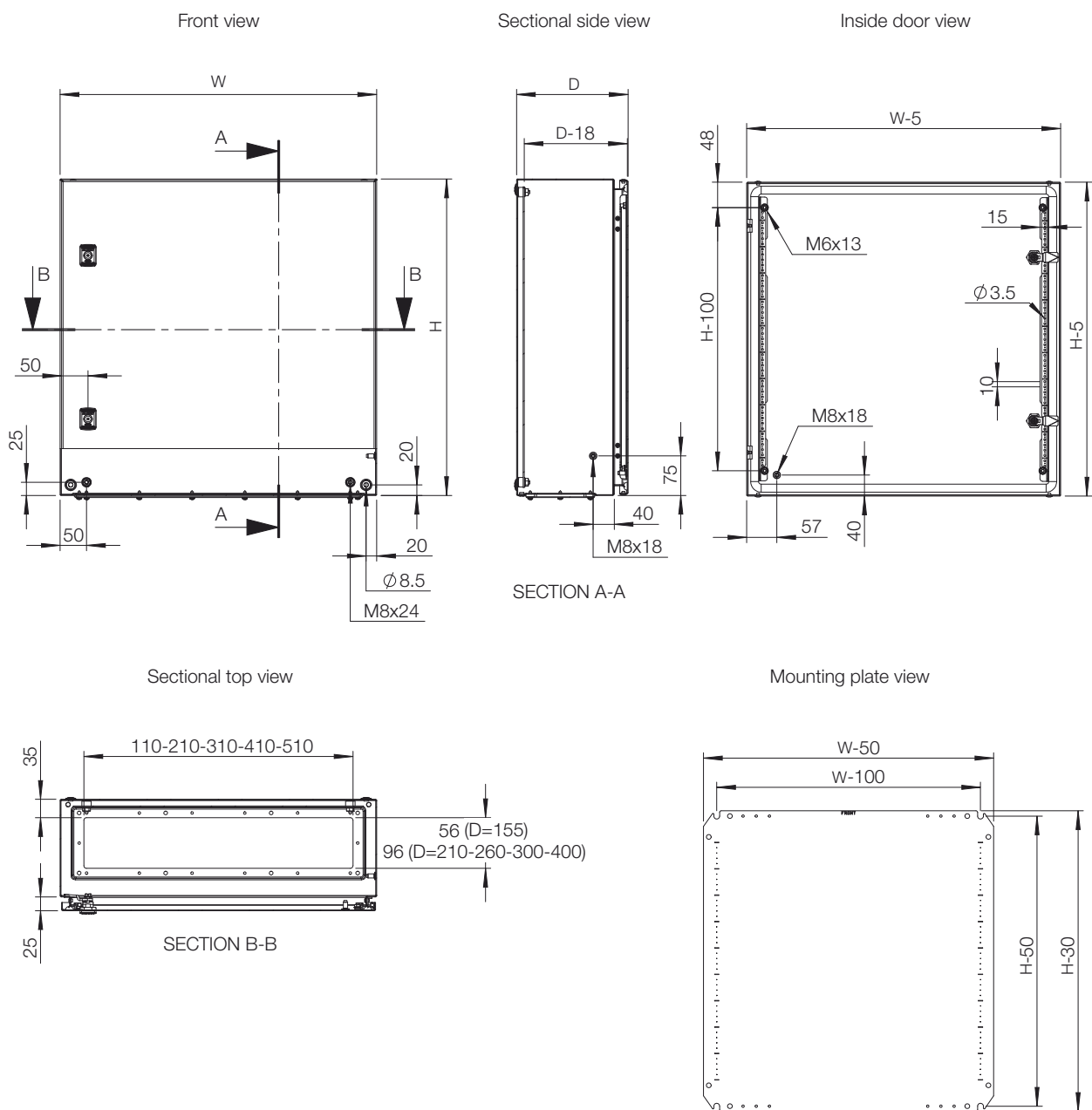
Without mounting plate

| Enclosure dimensions |     |     | Gland plate |      |          | N° of locks | Item no.       |
|----------------------|-----|-----|-------------|------|----------|-------------|----------------|
| H                    | W   | D   | Size        | Type | Openings |             |                |
| 200                  | 200 | 155 | 110 × 56    | 0S   | 1        | 1           | MAS0202015PER5 |
| 250                  | 200 | 155 | 110 × 56    | 0S   | 1        | 1           | MAS0252015PER5 |
| 250                  | 250 | 155 | 110 × 56    | 0S   | 1        | 1           | MAS0252515PER5 |
| 300                  | 250 | 155 | 110 × 56    | 0S   | 1        | 1           | MAS0302515PER5 |
| 300                  | 250 | 210 | 110 × 56    | 0S   | 1        | 1           | MAS0302521PER5 |
| 300                  | 300 | 155 | 210 × 56    | 1S   | 1        | 1           | MAS0303015PER5 |
| 300                  | 300 | 210 | 210 × 96    | 1    | 1        | 1           | MAS0303021PER5 |
| 350                  | 250 | 155 | 110 × 56    | 0S   | 1        | 1           | MAS0352515PER5 |
| 400                  | 300 | 155 | 210 × 56    | 1S   | 1        | 1           | MAS0403015PER5 |
| 400                  | 300 | 210 | 210 × 96    | 1    | 1        | 1           | MAS0403021PER5 |
| 400                  | 400 | 210 | 310 × 96    | 2    | 1        | 1           | MAS0404021PER5 |
| 400                  | 500 | 210 | 410 × 96    | 3    | 1        | 1           | MAS0405021PER5 |
| 400                  | 600 | 210 | 510 × 96    | 4    | 1        | 1           | MAS0406021PER5 |
| 500                  | 300 | 210 | 210 × 96    | 1    | 1        | 1           | MAS0503021PER5 |
| 500                  | 400 | 155 | 310 × 56    | 2S   | 1        | 1           | MAS0504015PER5 |
| 500                  | 400 | 210 | 310 × 96    | 2    | 1        | 1           | MAS0504021PER5 |
| 500                  | 400 | 260 | 310 × 96    | 2    | 1        | 1           | MAS0504026PER5 |
| 500                  | 400 | 300 | 310 × 96    | 2    | 1        | 1           | MAS0504030PER5 |
| 500                  | 500 | 210 | 410 × 96    | 3    | 1        | 1           | MAS0505021PER5 |
| 500                  | 500 | 300 | 410 × 96    | 3    | 1        | 1           | MAS0505030PER5 |
| 600                  | 400 | 155 | 310 × 56    | 2S   | 1        | 2           | MAS0604015PER5 |
| 600                  | 400 | 210 | 310 × 96    | 2    | 1        | 2           | MAS0604021PER5 |
| 600                  | 400 | 260 | 310 × 96    | 2    | 1        | 2           | MAS0604026PER5 |
| 600                  | 400 | 300 | 310 × 96    | 2    | 1        | 2           | MAS0604030PER5 |
| 600                  | 500 | 155 | 410 × 56    | 3S   | 1        | 2           | MAS0605015PER5 |
| 600                  | 500 | 210 | 410 × 96    | 3    | 1        | 2           | MAS0605021PER5 |
| 600                  | 500 | 260 | 410 × 96    | 3    | 1        | 2           | MAS0605026PER5 |
| 600                  | 500 | 300 | 410 × 96    | 3    | 1        | 2           | MAS0605030PER5 |
| 600                  | 600 | 210 | 510 × 96    | 4    | 1        | 2           | MAS0606021PER5 |
| 600                  | 600 | 300 | 510 × 96    | 4    | 1        | 2           | MAS0606030PER5 |
| 600                  | 600 | 400 | 510 × 96    | 4    | 1        | 2           | MAS0606040PER5 |
| 600                  | 800 | 300 | 310 × 96    | 2    | 2        | 2           | MAS0608030PER5 |
| 700                  | 500 | 210 | 410 × 96    | 3    | 1        | 2           | MAS0705021PER5 |
| 700                  | 500 | 260 | 410 × 96    | 3    | 1        | 2           | MAS0705026PER5 |
| 800                  | 400 | 300 | 310 × 96    | 2    | 1        | 2           | MAS0804030PER5 |
| 800                  | 600 | 210 | 510 × 96    | 4    | 1        | 2           | MAS0806021PER5 |
| 800                  | 600 | 260 | 510 × 96    | 4    | 1        | 2           | MAS0806026PER5 |
| 800                  | 600 | 300 | 510 × 96    | 4    | 1        | 2           | MAS0806030PER5 |
| 800                  | 600 | 400 | 510 × 96    | 4    | 1        | 2           | MAS0806040PER5 |
| 800                  | 800 | 210 | 310 × 96    | 2    | 2        | 2           | MAS0808021PER5 |
| 800                  | 800 | 300 | 310 × 96    | 2    | 2        | 2           | MAS0808030PER5 |
| 800                  | 800 | 400 | 310 × 96    | 2    | 2        | 2           | MAS0808040PER5 |
| 1000                 | 600 | 260 | 510 × 96    | 4    | 1        | 1*          | MAS1006026PER5 |
| 1000                 | 600 | 300 | 510 × 96    | 4    | 1        | 1*          | MAS1006030PER5 |
| 1000                 | 800 | 260 | 310 × 96    | 2    | 2        | 1*          | MAS1008026PER5 |
| 1000                 | 800 | 300 | 310 × 96    | 2    | 2        | 1*          | MAS1008030PER5 |
| 1000                 | 800 | 400 | 310 × 96    | 2    | 2        | 1*          | MAS1008040PER5 |
| 1200                 | 600 | 300 | 510 × 96    | 4    | 1        | 1*          | MAS1206030PER5 |
| 1200                 | 800 | 300 | 310 × 96    | 2    | 2        | 1*          | MAS1208030PER5 |
| 1200                 | 800 | 400 | 310 × 96    | 2    | 2        | 1*          | MAS1208040PER5 |

\* 1000 mm high enclosures and above have espagnolette three point locking.



# Dimensional drawing | MAS



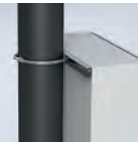
# Accessories selection matrix | MAS

# 02

Wall Mounted Enclosures

|              |      |     |     |  |  |  |  |  |  |
|--------------|------|-----|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Enclosure    |      |     |     | Mounting                                                                          |                                                                                   |                                                                                   |                                                                                    |                                                                                     | Modular System                                                                      |
|              | H    | W   | D   | Steel mounting plate                                                              | Insulated mounting plate                                                          | Telequick mounting plate                                                          | Depth adjustment kit                                                               | Depth interior profile                                                              | Modular chassis                                                                     |
| MAS0202015R5 | 200  | 200 | 155 | AMP02020                                                                          | AMI02020                                                                          | -                                                                                 | AMG155                                                                             | -                                                                                   | -                                                                                   |
| MAS0252015R5 | 250  | 200 | 155 | AMP02520                                                                          | AMI02520                                                                          | -                                                                                 | AMG155                                                                             | -                                                                                   | -                                                                                   |
| MAS0252515R5 | 250  | 250 | 155 | AMP02525                                                                          | AMI02525                                                                          | -                                                                                 | AMG155                                                                             | -                                                                                   | -                                                                                   |
| MAS0302515R5 | 300  | 250 | 155 | AMP03025                                                                          | AMI03025                                                                          | -                                                                                 | AMG155                                                                             | -                                                                                   | AC03025R5                                                                           |
| MAS0302521R5 | 300  | 250 | 210 | AMP03025                                                                          | AMI03025                                                                          | -                                                                                 | AMG210                                                                             | DIP210                                                                              | AC03025R5                                                                           |
| MAS0303015R5 | 300  | 300 | 155 | AMP03030                                                                          | AMI03030                                                                          | -                                                                                 | AMG155                                                                             | -                                                                                   | -                                                                                   |
| MAS0303021R5 | 300  | 300 | 210 | AMP03030                                                                          | AMI03030                                                                          | -                                                                                 | AMG210                                                                             | DIP210                                                                              | -                                                                                   |
| MAS0352515R5 | 350  | 250 | 155 | AMP03525                                                                          | AMI03525                                                                          | -                                                                                 | AMG155                                                                             | -                                                                                   | -                                                                                   |
| MAS0403015R5 | 400  | 300 | 155 | AMP04030                                                                          | AMI04030                                                                          | AMT04030                                                                          | AMG155                                                                             | -                                                                                   | AC04030R5                                                                           |
| MAS0403021R5 | 400  | 300 | 210 | AMP04030                                                                          | AMI04030                                                                          | AMT04030                                                                          | AMG210                                                                             | DIP210                                                                              | AC04030R5                                                                           |
| MAS0404021R5 | 400  | 400 | 210 | AMP04040                                                                          | AMI04040                                                                          | AMT04040                                                                          | AMG210                                                                             | DIP210                                                                              | -                                                                                   |
| MAS0405021R5 | 400  | 500 | 210 | AMP04050                                                                          | AMI04050                                                                          | AMT04050                                                                          | AMG210                                                                             | DIP210                                                                              | -                                                                                   |
| MAS0406021R5 | 400  | 600 | 210 | AMP04060                                                                          | AMI04060                                                                          | AMT04060                                                                          | AMG210                                                                             | DIP210                                                                              | -                                                                                   |
| MAS0503021R5 | 500  | 300 | 210 | AMP05030                                                                          | AMI05030                                                                          | AMT05030                                                                          | AMG210                                                                             | DIP210                                                                              | -                                                                                   |
| MAS0504015R5 | 500  | 400 | 155 | AMP05040                                                                          | AMI05040                                                                          | AMT05040                                                                          | AMG155                                                                             | -                                                                                   | AC05040R5                                                                           |
| MAS0504021R5 | 500  | 400 | 210 | AMP05040                                                                          | AMI05040                                                                          | AMT05040                                                                          | AMG210                                                                             | DIP210                                                                              | AC05040R5                                                                           |
| MAS0504026R5 | 500  | 400 | 260 | AMP05040                                                                          | AMI05040                                                                          | AMT05040                                                                          | AMG260                                                                             | DIP260                                                                              | AC05040R5                                                                           |
| MAS0504030R5 | 500  | 400 | 300 | AMP05040                                                                          | AMI05040                                                                          | AMT05040                                                                          | AMG300                                                                             | DIP300                                                                              | AC05040R5                                                                           |
| MAS0505021R5 | 500  | 500 | 210 | AMP05050                                                                          | AMI05050                                                                          | AMT05050                                                                          | AMG210                                                                             | DIP210                                                                              | -                                                                                   |
| MAS0505030R5 | 500  | 500 | 300 | AMP05050                                                                          | AMI05050                                                                          | AMT05050                                                                          | AMG300                                                                             | DIP300                                                                              | -                                                                                   |
| MAS0604015R5 | 600  | 400 | 155 | AMP06040                                                                          | AMI06040                                                                          | AMT06040                                                                          | AMG155                                                                             | -                                                                                   | AC06040R5                                                                           |
| MAS0604021R5 | 600  | 400 | 210 | AMP06040                                                                          | AMI06040                                                                          | AMT06040                                                                          | AMG210                                                                             | DIP210                                                                              | AC06040R5                                                                           |
| MAS0604026R5 | 600  | 400 | 260 | AMP06040                                                                          | AMI06040                                                                          | AMT06040                                                                          | AMG260                                                                             | DIP260                                                                              | AC06040R5                                                                           |
| MAS0604030R5 | 600  | 400 | 300 | AMP06040                                                                          | AMI06040                                                                          | AMT06040                                                                          | AMG300                                                                             | DIP300                                                                              | AC06040R5                                                                           |
| MAS0605015R5 | 600  | 500 | 155 | AMP06050                                                                          | AMI06050                                                                          | AMT06050                                                                          | AMG155                                                                             | -                                                                                   | -                                                                                   |
| MAS0605021R5 | 600  | 500 | 210 | AMP06050                                                                          | AMI06050                                                                          | AMT06050                                                                          | AMG210                                                                             | DIP210                                                                              | -                                                                                   |
| MAS0605026R5 | 600  | 500 | 260 | AMP06050                                                                          | AMI06050                                                                          | AMT06050                                                                          | AMG260                                                                             | DIP260                                                                              | -                                                                                   |
| MAS0605030R5 | 600  | 500 | 300 | AMP06050                                                                          | AMI06050                                                                          | AMT06050                                                                          | AMG300                                                                             | DIP300                                                                              | -                                                                                   |
| MAS0606021R5 | 600  | 600 | 210 | AMP06060                                                                          | AMI06060                                                                          | AMT06060                                                                          | AMG210                                                                             | DIP210                                                                              | AC06060R5                                                                           |
| MAS0606030R5 | 600  | 600 | 300 | AMP06060                                                                          | AMI06060                                                                          | AMT06060                                                                          | AMG300                                                                             | DIP300                                                                              | AC06060R5                                                                           |
| MAS0606040R5 | 600  | 600 | 400 | AMP06060                                                                          | AMI06060                                                                          | AMT06060                                                                          | AMG400                                                                             | DIP400                                                                              | AC06060R5                                                                           |
| MAS0608030R5 | 600  | 800 | 300 | AMP06080                                                                          | AMI06080                                                                          | AMT06080                                                                          | AMG300                                                                             | DIP300                                                                              | -                                                                                   |
| MAS0705021R5 | 700  | 500 | 210 | AMP07050                                                                          | AMI07050                                                                          | AMT07050                                                                          | AMG210                                                                             | DIP210                                                                              | AC07050R5                                                                           |
| MAS0705026R5 | 700  | 500 | 260 | AMP07050                                                                          | AMI07050                                                                          | AMT07050                                                                          | AMG260                                                                             | DIP260                                                                              | AC07050R5                                                                           |
| MAS0804030R5 | 800  | 400 | 300 | AMP08040                                                                          | AMI08040                                                                          | AMT08040                                                                          | AMG300                                                                             | DIP300                                                                              | -                                                                                   |
| MAS0806021R5 | 800  | 600 | 210 | AMP08060                                                                          | AMI08060                                                                          | AMT08060                                                                          | AMG210                                                                             | DIP210                                                                              | AC08060R5                                                                           |
| MAS0806026R5 | 800  | 600 | 260 | AMP08060                                                                          | AMI08060                                                                          | AMT08060                                                                          | AMG260                                                                             | DIP260                                                                              | AC08060R5                                                                           |
| MAS0806030R5 | 800  | 600 | 300 | AMP08060                                                                          | AMI08060                                                                          | AMT08060                                                                          | AMG300                                                                             | DIP300                                                                              | AC08060R5                                                                           |
| MAS0806040R5 | 800  | 600 | 400 | AMP08060                                                                          | AMI08060                                                                          | AMT08060                                                                          | AMG400                                                                             | DIP400                                                                              | AC08060R5                                                                           |
| MAS0808021R5 | 800  | 800 | 210 | AMP08080                                                                          | AMI08080                                                                          | AMT08080                                                                          | AMG210                                                                             | DIP210                                                                              | -                                                                                   |
| MAS0808030R5 | 800  | 800 | 300 | AMP08080                                                                          | AMI08080                                                                          | AMT08080                                                                          | AMG300                                                                             | DIP300                                                                              | -                                                                                   |
| MAS0808040R5 | 800  | 800 | 400 | AMP08080                                                                          | AMI08080                                                                          | AMT08080                                                                          | AMG400                                                                             | DIP400                                                                              | -                                                                                   |
| MAS1006026R5 | 1000 | 600 | 260 | AMP10060                                                                          | AMI10060                                                                          | AMT10060                                                                          | AMG260                                                                             | DIP260                                                                              | AC10060R5                                                                           |
| MAS1006030R5 | 1000 | 600 | 300 | AMP10060                                                                          | AMI10060                                                                          | AMT10060                                                                          | AMG300                                                                             | DIP300                                                                              | AC10060R5                                                                           |
| MAS1008026R5 | 1000 | 800 | 260 | AMP10080                                                                          | AMI10080                                                                          | AMT10080                                                                          | AMG260                                                                             | DIP260                                                                              | AC10080R5                                                                           |
| MAS1008030R5 | 1000 | 800 | 300 | AMP10080                                                                          | AMI10080                                                                          | AMT10080                                                                          | AMG300                                                                             | DIP300                                                                              | AC10080R5                                                                           |
| MAS1008040R5 | 1000 | 800 | 400 | AMP10080                                                                          | AMI10080                                                                          | AMT10080                                                                          | AMG400                                                                             | DIP400                                                                              | AC10080R5                                                                           |
| MAS1206030R5 | 1200 | 600 | 300 | AMP12060                                                                          | AMI12060                                                                          | AMT12060                                                                          | AMG300                                                                             | DIP300                                                                              | -                                                                                   |
| MAS1208030R5 | 1200 | 800 | 300 | AMP12080                                                                          | AMI12080                                                                          | AMT12080                                                                          | AMG300                                                                             | DIP300                                                                              | -                                                                                   |
| MAS1208040R5 | 1200 | 800 | 400 | AMP12080                                                                          | AMI12080                                                                          | AMT12080                                                                          | AMG400                                                                             | DIP400                                                                              | -                                                                                   |

# Accessories selection matrix | MAS

|              |      |     |     |  |  |  |  |  |  |
|--------------|------|-----|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Enclosure    |      |     |     | Fixing                                                                            |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
|              | H    | W   | D   | Wall mounting brackets                                                            | Pole fixation                                                                     | Front/rear plinths (100 mm height)                                                | Side plinths (100 mm height)                                                       | Front/rear plinths (200 mm height)                                                  | Side plinths (200 mm height)                                                        |
| MAS0202015R5 | 200  | 200 | 155 | AW41                                                                              | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| MAS0252015R5 | 250  | 200 | 155 | AW41                                                                              | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| MAS0252515R5 | 250  | 250 | 155 | AW41                                                                              | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| MAS0302515R5 | 300  | 250 | 155 | AW41                                                                              | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| MAS0302521R5 | 300  | 250 | 210 | AW41                                                                              | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| MAS0303015R5 | 300  | 300 | 155 | AW41                                                                              | EPF0300                                                                           | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| MAS0303021R5 | 300  | 300 | 210 | AW41                                                                              | EPF0300                                                                           | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| MAS0352515R5 | 350  | 250 | 155 | AW41                                                                              | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| MAS0403015R5 | 400  | 300 | 155 | AW41                                                                              | EPF0300                                                                           | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| MAS0403021R5 | 400  | 300 | 210 | AW41                                                                              | EPF0300                                                                           | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| MAS0404021R5 | 400  | 400 | 210 | AW41                                                                              | EPF0400                                                                           | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| MAS0405021R5 | 400  | 500 | 210 | AW41                                                                              | EPF0500                                                                           | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| MAS0406021R5 | 400  | 600 | 210 | AW41                                                                              | EPF0600                                                                           | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| MAS0503021R5 | 500  | 300 | 210 | AW41                                                                              | EPF0300                                                                           | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| MAS0504015R5 | 500  | 400 | 155 | AW41                                                                              | EPF0400                                                                           | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| MAS0504021R5 | 500  | 400 | 210 | AW41                                                                              | EPF0400                                                                           | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| MAS0504026R5 | 500  | 400 | 260 | AW41                                                                              | EPF0400                                                                           | P1040                                                                             | PA1026                                                                             | P2040                                                                               | PA2026                                                                              |
| MAS0504030R5 | 500  | 400 | 300 | AW41                                                                              | EPF0400                                                                           | P1040                                                                             | PA1030                                                                             | P2040                                                                               | PA2030                                                                              |
| MAS0505021R5 | 500  | 500 | 210 | AW41                                                                              | EPF0500                                                                           | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| MAS0505030R5 | 500  | 500 | 300 | AW41                                                                              | EPF0500                                                                           | P1050                                                                             | PA1030                                                                             | P2050                                                                               | PA2030                                                                              |
| MAS0604015R5 | 600  | 400 | 155 | AW41                                                                              | EPF0400                                                                           | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| MAS0604021R5 | 600  | 400 | 210 | AW41                                                                              | EPF0400                                                                           | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| MAS0604026R5 | 600  | 400 | 260 | AW41                                                                              | EPF0400                                                                           | P1040                                                                             | PA1026                                                                             | P2040                                                                               | PA2026                                                                              |
| MAS0604030R5 | 600  | 400 | 300 | AW41                                                                              | EPF0400                                                                           | P1040                                                                             | PA1030                                                                             | P2040                                                                               | PA2030                                                                              |
| MAS0605015R5 | 600  | 500 | 155 | AW41                                                                              | EPF0500                                                                           | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| MAS0605021R5 | 600  | 500 | 210 | AW41                                                                              | EPF0500                                                                           | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| MAS0605026R5 | 600  | 500 | 260 | AW41                                                                              | EPF0500                                                                           | P1050                                                                             | PA1026                                                                             | P2050                                                                               | PA2026                                                                              |
| MAS0605030R5 | 600  | 500 | 300 | AW41                                                                              | EPF0500                                                                           | P1050                                                                             | PA1030                                                                             | P2050                                                                               | PA2030                                                                              |
| MAS0606021R5 | 600  | 600 | 210 | AW41                                                                              | EPF0600                                                                           | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| MAS0606030R5 | 600  | 600 | 300 | AW41                                                                              | EPF0600                                                                           | P1060                                                                             | PA1030                                                                             | P2060                                                                               | PA2030                                                                              |
| MAS0606040R5 | 600  | 600 | 400 | AW41                                                                              | EPF0600                                                                           | P1060                                                                             | PA1040                                                                             | P2060                                                                               | PA2040                                                                              |
| MAS0608030R5 | 600  | 800 | 300 | AW41                                                                              | EPF0800                                                                           | P1080                                                                             | PA1030                                                                             | P2080                                                                               | PA2030                                                                              |
| MAS0705021R5 | 700  | 500 | 210 | AW41                                                                              | EPF0500                                                                           | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| MAS0705026R5 | 700  | 500 | 260 | AW41                                                                              | EPF0500                                                                           | P1050                                                                             | PA1026                                                                             | P2050                                                                               | PA2026                                                                              |
| MAS0804030R5 | 800  | 400 | 300 | AW41                                                                              | EPF0400                                                                           | P1040                                                                             | PA1030                                                                             | P2040                                                                               | PA2030                                                                              |
| MAS0806021R5 | 800  | 600 | 210 | AW41                                                                              | EPF0600                                                                           | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| MAS0806026R5 | 800  | 600 | 260 | AW41                                                                              | EPF0600                                                                           | P1060                                                                             | PA1026                                                                             | P2060                                                                               | PA2026                                                                              |
| MAS0806030R5 | 800  | 600 | 300 | AW41                                                                              | EPF0600                                                                           | P1060                                                                             | PA1030                                                                             | P2060                                                                               | PA2030                                                                              |
| MAS0806040R5 | 800  | 600 | 400 | AW41                                                                              | EPF0600                                                                           | P1060                                                                             | PA1040                                                                             | P2060                                                                               | PA2040                                                                              |
| MAS0808021R5 | 800  | 800 | 210 | AW41                                                                              | EPF0800                                                                           | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| MAS0808030R5 | 800  | 800 | 300 | AW41                                                                              | EPF0800                                                                           | P1080                                                                             | PA1030                                                                             | P2080                                                                               | PA2030                                                                              |
| MAS0808040R5 | 800  | 800 | 400 | AW41                                                                              | EPF0800                                                                           | P1080                                                                             | PA1040                                                                             | P2080                                                                               | PA2040                                                                              |
| MAS1006026R5 | 1000 | 600 | 260 | AW41                                                                              | EPF0600                                                                           | P1060                                                                             | PA1026                                                                             | P2060                                                                               | PA2026                                                                              |
| MAS1006030R5 | 1000 | 600 | 300 | AW41                                                                              | EPF0600                                                                           | P1060                                                                             | PA1030                                                                             | P2060                                                                               | PA2030                                                                              |
| MAS1008026R5 | 1000 | 800 | 260 | AW41                                                                              | EPF0800                                                                           | P1080                                                                             | PA1026                                                                             | P2080                                                                               | PA2026                                                                              |
| MAS1008030R5 | 1000 | 800 | 300 | AW41                                                                              | EPF0800                                                                           | P1080                                                                             | PA1030                                                                             | P2080                                                                               | PA2030                                                                              |
| MAS1008040R5 | 1000 | 800 | 400 | AW41                                                                              | EPF0800                                                                           | P1080                                                                             | PA1040                                                                             | P2080                                                                               | PA2040                                                                              |
| MAS1206030R5 | 1200 | 600 | 300 | AW41                                                                              | EPF0600                                                                           | P1060                                                                             | PA1030                                                                             | P2060                                                                               | PA2030                                                                              |
| MAS1208030R5 | 1200 | 800 | 300 | AW41                                                                              | EPF0800                                                                           | P1080                                                                             | PA1030                                                                             | P2080                                                                               | PA2030                                                                              |
| MAS1208040R5 | 1200 | 800 | 400 | AW41                                                                              | EPF0800                                                                           | P1080                                                                             | PA1040                                                                             | P2080                                                                               | PA2040                                                                              |



| Enclosure    |      |     |     | Doors      |                  |             |                            | Locks      |
|--------------|------|-----|-----|------------|------------------|-------------|----------------------------|------------|
|              | H    | W   | D   | Inner door | Transparent door | Glazed door | Transparent aluminium door | Padlocking |
| MAS0202015R5 | 200  | 200 | 155 | -          | -                | -           | -                          | PLC01      |
| MAS0252015R5 | 250  | 200 | 155 | -          | -                | -           | -                          | PLC01      |
| MAS0252515R5 | 250  | 250 | 155 | -          | -                | -           | -                          | PLC01      |
| MAS0302515R5 | 300  | 250 | 155 | -          | ADT03025R5       | ADC03025R5  | -                          | PLC01      |
| MAS0302521R5 | 300  | 250 | 210 | -          | ADT03025R5       | ADC03025R5  | -                          | PLC01      |
| MAS0303015R5 | 300  | 300 | 155 | -          | ADT03030R5       | ADC03030R5  | ADA03030                   | PLC01      |
| MAS0303021R5 | 300  | 300 | 210 | -          | ADT03030R5       | ADC03030R5  | ADA03030                   | PLC01      |
| MAS0352515R5 | 350  | 250 | 155 | -          | -                | -           | -                          | PLC01      |
| MAS0403015R5 | 400  | 300 | 155 | ADI04030R5 | ADT04030R5       | ADC04030R5  | ADA04030                   | PLC01      |
| MAS0403021R5 | 400  | 300 | 210 | ADI04030R5 | ADT04030R5       | ADC04030R5  | ADA04030                   | PLC01      |
| MAS0404021R5 | 400  | 400 | 210 | ADI04040R5 | ADT04040R5       | ADC04040R5  | ADA04040                   | PLC01      |
| MAS0405021R5 | 400  | 500 | 210 | ADI04050R5 | -                | -           | -                          | PLC01      |
| MAS0406021R5 | 400  | 600 | 210 | ADI04060R5 | -                | -           | ADA04060                   | PLC01      |
| MAS0503021R5 | 500  | 300 | 210 | ADI05030R5 | ADT05030R5       | ADC05030R5  | ADA05030                   | PLC01      |
| MAS0504015R5 | 500  | 400 | 155 | ADI05040R5 | ADT05040R5       | ADC05040R5  | ADA05040                   | PLC01      |
| MAS0504021R5 | 500  | 400 | 210 | ADI05040R5 | ADT05040R5       | ADC05040R5  | ADA05040                   | PLC01      |
| MAS0504026R5 | 500  | 400 | 260 | ADI05040R5 | ADT05040R5       | ADC05040R5  | ADA05040                   | PLC01      |
| MAS0504030R5 | 500  | 400 | 300 | ADI05040R5 | ADT05040R5       | ADC05040R5  | ADA05040                   | PLC01      |
| MAS0505021R5 | 500  | 500 | 210 | ADI05050R5 | -                | -           | -                          | PLC01      |
| MAS0505030R5 | 500  | 500 | 300 | ADI05050R5 | -                | -           | -                          | PLC01      |
| MAS0604015R5 | 600  | 400 | 155 | ADI06040R5 | ADT06040R5       | ADC06040R5  | ADAB06040                  | PLC01      |
| MAS0604021R5 | 600  | 400 | 210 | ADI06040R5 | ADT06040R5       | ADC06040R5  | ADAB06040                  | PLC01      |
| MAS0604026R5 | 600  | 400 | 260 | ADI06040R5 | ADT06040R5       | ADC06040R5  | ADAB06040                  | PLC01      |
| MAS0604030R5 | 600  | 400 | 300 | ADI06040R5 | ADT06040R5       | ADC06040R5  | ADAB06040                  | PLC01      |
| MAS0605015R5 | 600  | 500 | 155 | ADI06050R5 | ADT06050R5       | ADC06050R5  | -                          | PLC01      |
| MAS0605021R5 | 600  | 500 | 210 | ADI06050R5 | ADT06050R5       | ADC06050R5  | -                          | PLC01      |
| MAS0605026R5 | 600  | 500 | 260 | ADI06050R5 | ADT06050R5       | ADC06050R5  | -                          | PLC01      |
| MAS0605030R5 | 600  | 500 | 300 | ADI06050R5 | ADT06050R5       | ADC06050R5  | -                          | PLC01      |
| MAS0606021R5 | 600  | 600 | 210 | ADI06060R5 | ADT06060R5       | ADC06060R5  | ADAB06060                  | PLC01      |
| MAS0606030R5 | 600  | 600 | 300 | ADI06060R5 | ADT06060R5       | ADC06060R5  | ADAB06060                  | PLC01      |
| MAS0606040R5 | 600  | 600 | 400 | ADI06060R5 | ADT06060R5       | ADC06060R5  | ADAB06060                  | PLC01      |
| MAS0608030R5 | 600  | 800 | 300 | ADI06080R5 | -                | -           | ADAB06080                  | PLC01      |
| MAS0705021R5 | 700  | 500 | 210 | ADI07050R5 | ADT07050R5       | ADC07050R5  | ADAB07050                  | PLC01      |
| MAS0705026R5 | 700  | 500 | 260 | ADI07050R5 | ADT07050R5       | ADC07050R5  | ADAB07050                  | PLC01      |
| MAS0804030R5 | 800  | 400 | 300 | ADI08040R5 | -                | -           | -                          | PLC01      |
| MAS0806021R5 | 800  | 600 | 210 | ADI08060R5 | ADT08060R5       | ADC08060R5  | ADAB08060                  | PLC01      |
| MAS0806026R5 | 800  | 600 | 260 | ADI08060R5 | ADT08060R5       | ADC08060R5  | ADAB08060                  | PLC01      |
| MAS0806030R5 | 800  | 600 | 300 | ADI08060R5 | ADT08060R5       | ADC08060R5  | ADAB08060                  | PLC01      |
| MAS0806040R5 | 800  | 600 | 400 | ADI08060R5 | ADT08060R5       | ADC08060R5  | ADAB08060                  | PLC01      |
| MAS0808021R5 | 800  | 800 | 210 | ADI08080R5 | -                | -           | -                          | PLC01      |
| MAS0808030R5 | 800  | 800 | 300 | ADI08080R5 | -                | -           | -                          | PLC01      |
| MAS0808040R5 | 800  | 800 | 400 | ADI08080R5 | -                | -           | -                          | PLC01      |
| MAS1006026R5 | 1000 | 600 | 260 | ADI10060R5 | ADT10060R5       | ADC10060R5  | -                          | PLC01      |
| MAS1006030R5 | 1000 | 600 | 300 | ADI10060R5 | ADT10060R5       | ADC10060R5  | -                          | PLC01      |
| MAS1008026R5 | 1000 | 800 | 260 | ADI10080R5 | ADT10080R5       | ADC10080R5  | ADAB10080                  | PLC01      |
| MAS1008030R5 | 1000 | 800 | 300 | ADI10080R5 | ADT10080R5       | ADC10080R5  | ADAB10080                  | PLC01      |
| MAS1008040R5 | 1000 | 800 | 400 | ADI10080R5 | ADT10080R5       | ADC10080R5  | ADAB10080                  | PLC01      |
| MAS1206030R5 | 1200 | 600 | 300 | ADI12060R5 | ADT12060R5       | ADC12060R5  | ADAB12060                  | PLC01      |
| MAS1208030R5 | 1200 | 800 | 300 | ADI12080R5 | ADT12080R5       | ADC12080R5  | ADAB12080                  | PLC01      |
| MAS1208040R5 | 1200 | 800 | 400 | ADI12080R5 | ADT12080R5       | ADC12080R5  | ADAB12080                  | PLC01      |

# Accessories selection matrix | MAS

|              |      |     |     |  |  |  |  |  |
|--------------|------|-----|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Enclosure    |      |     |     | Doors                                                                             |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
|              | H    | W   | D   | 180° hinges                                                                       | Door stop                                                                         | Door switch                                                                        | Door mounting profiles                                                              | Door horizontal profiles                                                            |
| MAS0202015R5 | 200  | 200 | 155 | MMH02                                                                             | -                                                                                 | ADSW01                                                                             | -                                                                                   | -                                                                                   |
| MAS0252015R5 | 250  | 200 | 155 | MMH02                                                                             | -                                                                                 | ADSW01                                                                             | -                                                                                   | -                                                                                   |
| MAS0252515R5 | 250  | 250 | 155 | MMH02                                                                             | -                                                                                 | ADSW01                                                                             | -                                                                                   | -                                                                                   |
| MAS0302515R5 | 300  | 250 | 155 | MMH02                                                                             | -                                                                                 | ADSW01                                                                             | -                                                                                   | -                                                                                   |
| MAS0302521R5 | 300  | 250 | 210 | MMH02                                                                             | -                                                                                 | ADSW01                                                                             | -                                                                                   | -                                                                                   |
| MAS0303015R5 | 300  | 300 | 155 | MMH02                                                                             | AD0202                                                                            | ADSW01                                                                             | -                                                                                   | DHP030                                                                              |
| MAS0303021R5 | 300  | 300 | 210 | MMH02                                                                             | AD0202                                                                            | ADSW01                                                                             | -                                                                                   | DHP030                                                                              |
| MAS0352515R5 | 350  | 250 | 155 | MMH02                                                                             | -                                                                                 | ADSW01                                                                             | -                                                                                   | -                                                                                   |
| MAS0403015R5 | 400  | 300 | 155 | MMH02                                                                             | AD0202                                                                            | ADSW01                                                                             | MMDP040                                                                             | DHP030                                                                              |
| MAS0403021R5 | 400  | 300 | 210 | MMH02                                                                             | AD0202                                                                            | ADSW01                                                                             | MMDP040                                                                             | DHP030                                                                              |
| MAS0404021R5 | 400  | 400 | 210 | MMH02                                                                             | AD0202                                                                            | ADSW01                                                                             | MMDP040                                                                             | DHP040                                                                              |
| MAS0405021R5 | 400  | 500 | 210 | MMH02                                                                             | AD0202                                                                            | ADSW01                                                                             | MMDP040                                                                             | DHP050                                                                              |
| MAS0406021R5 | 400  | 600 | 210 | MMH02                                                                             | AD0202                                                                            | ADSW01                                                                             | MMDP040                                                                             | DHP060                                                                              |
| MAS0503021R5 | 500  | 300 | 210 | MMH02                                                                             | AD0202                                                                            | ADSW01                                                                             | MMDP050                                                                             | DHP030                                                                              |
| MAS0504015R5 | 500  | 400 | 155 | MMH02                                                                             | AD0202                                                                            | ADSW01                                                                             | MMDP050                                                                             | DHP040                                                                              |
| MAS0504021R5 | 500  | 400 | 210 | MMH02                                                                             | AD0202                                                                            | ADSW01                                                                             | MMDP050                                                                             | DHP040                                                                              |
| MAS0504026R5 | 500  | 400 | 260 | MMH02                                                                             | AD0202                                                                            | ADSW01                                                                             | MMDP050                                                                             | DHP040                                                                              |
| MAS0504030R5 | 500  | 400 | 300 | MMH02                                                                             | AD0202                                                                            | ADSW01                                                                             | MMDP050                                                                             | DHP040                                                                              |
| MAS0505021R5 | 500  | 500 | 210 | MMH02                                                                             | AD0202                                                                            | ADSW01                                                                             | MMDP050                                                                             | DHP050                                                                              |
| MAS0505030R5 | 500  | 500 | 300 | MMH02                                                                             | AD0202                                                                            | ADSW01                                                                             | MMDP050                                                                             | DHP050                                                                              |
| MAS0604015R5 | 600  | 400 | 155 | MMH02                                                                             | AD0202                                                                            | ADSW01                                                                             | MMDP060                                                                             | DHP040                                                                              |
| MAS0604021R5 | 600  | 400 | 210 | MMH02                                                                             | AD0202                                                                            | ADSW01                                                                             | MMDP060                                                                             | DHP040                                                                              |
| MAS0604026R5 | 600  | 400 | 260 | MMH02                                                                             | AD0202                                                                            | ADSW01                                                                             | MMDP060                                                                             | DHP040                                                                              |
| MAS0604030R5 | 600  | 400 | 300 | MMH02                                                                             | AD0202                                                                            | ADSW01                                                                             | MMDP060                                                                             | DHP040                                                                              |
| MAS0605015R5 | 600  | 500 | 155 | MMH02                                                                             | AD0202                                                                            | ADSW01                                                                             | MMDP060                                                                             | DHP050                                                                              |
| MAS0605021R5 | 600  | 500 | 210 | MMH02                                                                             | AD0202                                                                            | ADSW01                                                                             | MMDP060                                                                             | DHP050                                                                              |
| MAS0605026R5 | 600  | 500 | 260 | MMH02                                                                             | AD0202                                                                            | ADSW01                                                                             | MMDP060                                                                             | DHP050                                                                              |
| MAS0605030R5 | 600  | 500 | 300 | MMH02                                                                             | AD0202                                                                            | ADSW01                                                                             | MMDP060                                                                             | DHP050                                                                              |
| MAS0606021R5 | 600  | 600 | 210 | MMH02                                                                             | AD0202                                                                            | ADSW01                                                                             | MMDP060                                                                             | DHP060                                                                              |
| MAS0606030R5 | 600  | 600 | 300 | MMH02                                                                             | AD0202                                                                            | ADSW01                                                                             | MMDP060                                                                             | DHP060                                                                              |
| MAS0606040R5 | 600  | 600 | 400 | MMH02                                                                             | AD0202                                                                            | ADSW01                                                                             | MMDP060                                                                             | DHP060                                                                              |
| MAS0608030R5 | 600  | 800 | 300 | MMH02                                                                             | AD0202                                                                            | ADSW01                                                                             | MMDP060                                                                             | DHP080                                                                              |
| MAS0705021R5 | 700  | 500 | 210 | MMH02                                                                             | AD0202                                                                            | ADSW01                                                                             | MMDP070                                                                             | DHP050                                                                              |
| MAS0705026R5 | 700  | 500 | 260 | MMH02                                                                             | AD0202                                                                            | ADSW01                                                                             | MMDP070                                                                             | DHP050                                                                              |
| MAS0804030R5 | 800  | 400 | 300 | MMH02                                                                             | AD0202                                                                            | ADSW01                                                                             | MMDP080                                                                             | DHP040                                                                              |
| MAS0806021R5 | 800  | 600 | 210 | MMH02                                                                             | AD0202                                                                            | ADSW01                                                                             | MMDP080                                                                             | DHP060                                                                              |
| MAS0806026R5 | 800  | 600 | 260 | MMH02                                                                             | AD0202                                                                            | ADSW01                                                                             | MMDP080                                                                             | DHP060                                                                              |
| MAS0806030R5 | 800  | 600 | 300 | MMH02                                                                             | AD0202                                                                            | ADSW01                                                                             | MMDP080                                                                             | DHP060                                                                              |
| MAS0806040R5 | 800  | 600 | 400 | MMH02                                                                             | AD0202                                                                            | ADSW01                                                                             | MMDP080                                                                             | DHP060                                                                              |
| MAS0808021R5 | 800  | 800 | 210 | MMH02                                                                             | AD0202                                                                            | ADSW01                                                                             | MMDP080                                                                             | DHP080                                                                              |
| MAS0808030R5 | 800  | 800 | 300 | MMH02                                                                             | AD0202                                                                            | ADSW01                                                                             | MMDP080                                                                             | DHP080                                                                              |
| MAS0808040R5 | 800  | 800 | 400 | MMH02                                                                             | AD0202                                                                            | ADSW01                                                                             | MMDP080                                                                             | DHP080                                                                              |
| MAS1006026R5 | 1000 | 600 | 260 | MMH03                                                                             | AD0202                                                                            | ADSW01                                                                             | MMDP100                                                                             | DHP060                                                                              |
| MAS1006030R5 | 1000 | 600 | 300 | MMH03                                                                             | AD0202                                                                            | ADSW01                                                                             | MMDP100                                                                             | DHP060                                                                              |
| MAS1008026R5 | 1000 | 800 | 260 | MMH03                                                                             | AD0202                                                                            | ADSW01                                                                             | MMDP100                                                                             | DHP080                                                                              |
| MAS1008030R5 | 1000 | 800 | 300 | MMH03                                                                             | AD0202                                                                            | ADSW01                                                                             | MMDP100                                                                             | DHP080                                                                              |
| MAS1008040R5 | 1000 | 800 | 400 | MMH03                                                                             | AD0202                                                                            | ADSW01                                                                             | MMDP100                                                                             | DHP080                                                                              |
| MAS1206030R5 | 1200 | 600 | 300 | MMH03                                                                             | AD0202                                                                            | ADSW01                                                                             | MMDP120                                                                             | DHP060                                                                              |
| MAS1208030R5 | 1200 | 800 | 300 | MMH03                                                                             | AD0202                                                                            | ADSW01                                                                             | MMDP120                                                                             | DHP080                                                                              |
| MAS1208040R5 | 1200 | 800 | 400 | MMH03                                                                             | AD0202                                                                            | ADSW01                                                                             | MMDP120                                                                             | DHP080                                                                              |



| Enclosure    |      |     |     | Gland plates           |                                     |                                    |                     |                             | Protection |  |
|--------------|------|-----|-----|------------------------|-------------------------------------|------------------------------------|---------------------|-----------------------------|------------|--|
|              | H    | W   | D   | Ventilated gland plate | Ventilated gland plate with fly-net | Ventilated gland plate with filter | Adapter gland plate | Gland plate with knock-outs | Rainhood   |  |
| MAS0202015R5 | 200  | 200 | 155 | -                      | -                                   | -                                  | -                   | -                           | -          |  |
| MAS0252015R5 | 250  | 200 | 155 | -                      | -                                   | -                                  | -                   | -                           | -          |  |
| MAS0252515R5 | 250  | 250 | 155 | -                      | -                                   | -                                  | -                   | -                           | ARF02515R5 |  |
| MAS0302515R5 | 300  | 250 | 155 | -                      | -                                   | -                                  | -                   | -                           | ARF02515R5 |  |
| MAS0302521R5 | 300  | 250 | 210 | -                      | -                                   | -                                  | -                   | -                           | ARF02521R5 |  |
| MAS0303015R5 | 300  | 300 | 155 | -                      | -                                   | -                                  | -                   | AFK11SR5                    | ARF03015R5 |  |
| MAS0303021R5 | 300  | 300 | 210 | AFR01R5                | AFG01R5                             | AFV01R5                            | AFA01R5             | AFK11R5/AFK12R5             | ARF03021R5 |  |
| MAS0352515R5 | 350  | 250 | 155 | -                      | -                                   | -                                  | -                   | -                           | ARF02515R5 |  |
| MAS0403015R5 | 400  | 300 | 155 | -                      | -                                   | -                                  | -                   | AFK11SR5                    | ARF03015R5 |  |
| MAS0403021R5 | 400  | 300 | 210 | AFR01R5                | AFG01R5                             | AFV01R5                            | AFA01R5             | AFK11R5/AFK12R5             | ARF03021R5 |  |
| MAS0404021R5 | 400  | 400 | 210 | AFR02R5                | AFG02R5                             | AFV02R5                            | AFA02R5             | AFK21R5/AFK22R5             | ARF04021R5 |  |
| MAS0405021R5 | 400  | 500 | 210 | AFR03R5                | AFG03R5                             | AFV03R5                            | AFA03R5             | AFK31R5/AFK32R5             | ARF05021R5 |  |
| MAS0406021R5 | 400  | 600 | 210 | AFR04R5                | AFG04R5                             | AFV04R5                            | AFA04R5             | AFK41R5/AFK42R5             | ARF06021R5 |  |
| MAS0503021R5 | 500  | 300 | 210 | AFR01R5                | AFG01R5                             | AFV01R5                            | AFA01R5             | AFK11R5/AFK12R5             | ARF03021R5 |  |
| MAS0504015R5 | 500  | 400 | 155 | -                      | -                                   | -                                  | -                   | AFK21SR5                    | ARF04015R5 |  |
| MAS0504021R5 | 500  | 400 | 210 | AFR02R5                | AFG02R5                             | AFV02R5                            | AFA02R5             | AFK21R5/AFK22R5             | ARF04021R5 |  |
| MAS0504026R5 | 500  | 400 | 260 | AFR02R5                | AFG02R5                             | AFV02R5                            | AFA02R5             | AFK21R5/AFK22R5             | ARF04026R5 |  |
| MAS0504030R5 | 500  | 400 | 300 | AFR02R5                | AFG02R5                             | AFV02R5                            | AFA02R5             | AFK21R5/AFK22R5             | ARF04030R5 |  |
| MAS0505021R5 | 500  | 500 | 210 | AFR03R5                | AFG03R5                             | AFV03R5                            | AFA03R5             | AFK31R5/AFK32R5             | ARF05021R5 |  |
| MAS0505030R5 | 500  | 500 | 300 | AFR03R5                | AFG03R5                             | AFV03R5                            | AFA03R5             | AFK31R5/AFK32R5             | ARF05030R5 |  |
| MAS0604015R5 | 600  | 400 | 155 | -                      | -                                   | -                                  | -                   | AFK21SR5                    | ARF04015R5 |  |
| MAS0604021R5 | 600  | 400 | 210 | AFR02R5                | AFG02R5                             | AFV02R5                            | AFA02R5             | AFK21R5/AFK22R5             | ARF04021R5 |  |
| MAS0604026R5 | 600  | 400 | 260 | AFR02R5                | AFG02R5                             | AFV02R5                            | AFA02R5             | AFK21R5/AFK22R5             | ARF04026R5 |  |
| MAS0604030R5 | 600  | 400 | 300 | AFR02R5                | AFG02R5                             | AFV02R5                            | AFA02R5             | AFK22R5/AFK21R5             | ARF04030R5 |  |
| MAS0605015R5 | 600  | 500 | 155 | -                      | -                                   | -                                  | -                   | AFK31SR5                    | ARF05015R5 |  |
| MAS0605021R5 | 600  | 500 | 210 | AFR03R5                | AFG03R5                             | AFV03R5                            | AFA03R5             | AFK31R5/AFK32R5             | ARF05021R5 |  |
| MAS0605026R5 | 600  | 500 | 260 | AFR03R5                | AFG03R5                             | AFV03R5                            | AFA03R5             | AFK31R5/AFK32R5             | ARF05026R5 |  |
| MAS0605030R5 | 600  | 500 | 300 | AFR03R5                | AFG03R5                             | AFV03R5                            | AFA03R5             | AFK31R5/AFK32R5             | ARF05030R5 |  |
| MAS0606021R5 | 600  | 600 | 210 | AFR04R5                | AFG04R5                             | AFV04R5                            | AFA04R5             | AFK41R5/AFK42R5             | ARF06021R5 |  |
| MAS0606030R5 | 600  | 600 | 300 | AFR04R5                | AFG04R5                             | AFV04R5                            | AFA04R5             | AFK41R5/AFK42R5             | ARF06030R5 |  |
| MAS0606040R5 | 600  | 600 | 400 | AFR04R5                | AFG04R5                             | AFV04R5                            | AFA04R5             | AFK41R5/AFK42R5             | ARF06040R5 |  |
| MAS0608030R5 | 600  | 800 | 300 | AFR02R5                | AFG02R5                             | AFV02R5                            | AFA02R5             | AFK21R5/AFK22R5             | ARF08030R5 |  |
| MAS0705021R5 | 700  | 500 | 210 | AFR03R5                | AFG03R5                             | AFV03R5                            | AFA03R5             | AFK31R5/AFK32R5             | ARF05021R5 |  |
| MAS0705026R5 | 700  | 500 | 260 | AFR03R5                | AFG03R5                             | AFV03R5                            | AFA03R5             | AFK31R5/AFK32R5             | ARF05026R5 |  |
| MAS0804030R5 | 800  | 400 | 300 | AFR02R5                | AFG02R5                             | AFV02R5                            | AFA02R5             | AFK21R5/AFK22R5             | ARF04030R5 |  |
| MAS0806021R5 | 800  | 600 | 210 | AFR04R5                | AFG04R5                             | AFV04R5                            | AFA04R5             | AFK41R5/AFK42R5             | ARF06021R5 |  |
| MAS0806026R5 | 800  | 600 | 260 | AFR04R5                | AFG04R5                             | AFV04R5                            | AFA04R5             | AFK41R5/AFK42R5             | ARF06026R5 |  |
| MAS0806030R5 | 800  | 600 | 300 | AFR04R5                | AFG04R5                             | AFV04R5                            | AFA04R5             | AFK41R5/AFK42R5             | ARF06030R5 |  |
| MAS0806040R5 | 800  | 600 | 400 | AFR04R5                | AFG04R5                             | AFV04R5                            | AFA04R5             | AFK41R5/AFK42R5             | ARF06040R5 |  |
| MAS0808021R5 | 800  | 800 | 210 | AFR02R5                | AFG02R5                             | AFV02R5                            | AFA02R5             | AFK21R5/AFK22R5             | ARF08021R5 |  |
| MAS0808030R5 | 800  | 800 | 300 | AFR02R5                | AFG02R5                             | AFV02R5                            | AFA02R5             | AFK21R5/AFK22R5             | ARF08030R5 |  |
| MAS0808040R5 | 800  | 800 | 400 | AFR02R5                | AFG02R5                             | AFV02R5                            | AFA02R5             | AFK21R5/AFK22R5             | ARF08040R5 |  |
| MAS1006026R5 | 1000 | 600 | 260 | AFR04R5                | AFG04R5                             | AFV04R5                            | AFA04R5             | AFK41R5/AFK42R5             | ARF06026R5 |  |
| MAS1006030R5 | 1000 | 600 | 300 | AFR04R5                | AFG04R5                             | AFV04R5                            | AFA04R5             | AFK41R5/AFK42R5             | ARF06030R5 |  |
| MAS1008026R5 | 1000 | 800 | 260 | AFR02R5                | AFG02R5                             | AFV02R5                            | AFA02R5             | AFK21R5/AFK22R5             | ARF08026R5 |  |
| MAS1008030R5 | 1000 | 800 | 300 | AFR02R5                | AFG02R5                             | AFV02R5                            | AFA02R5             | AFK21R5/AFK22R5             | ARF08030R5 |  |
| MAS1008040R5 | 1000 | 800 | 400 | AFR02R5                | AFG02R5                             | AFV02R5                            | AFA02R5             | AFK21R5/AFK22R5             | ARF08040R5 |  |
| MAS1206030R5 | 1200 | 600 | 300 | AFR04R5                | AFG04R5                             | AFV04R5                            | AFA04R5             | AFK41R5/AFK42R5             | ARF06030R5 |  |
| MAS1208030R5 | 1200 | 800 | 300 | AFR02R5                | AFG02R5                             | AFV02R5                            | AFA02R5             | AFK21R5/AFK22R5             | ARF08030R5 |  |
| MAS1208040R5 | 1200 | 800 | 400 | AFR02R5                | AFG02R5                             | AFV02R5                            | AFA02R5             | AFK21R5/AFK22R5             | ARF08040R5 |  |



**Wall Mounted Enclosures**  
**Steel Range | Mild Steel**  
**Double door | MAD**

**IP 55 | TYPE 12, 13 | IK 10**





**Material:**

Body: 1.5 mm mild steel. Gland plate: 1.4 mm mild steel. Door: 2 mm mild steel  
Mounting plate: 2 mm galvanized steel / 2.5 mm MAD1001030R5 and above.

**Body:**

Folded and seam welded. Four 8.5 mm diameter holes for wall fixing, pressed out in 20.4 mm diameter x 2 mm depressions, to allow air circulation around the rear part of the enclosure.

**Door:**

Surface mounted with 130° opening. Concealed removable hinges with captive pin. Inner M6 welded studs to mount door profiles MMDP. Two removable mounting profiles on the right hand door and two on the left hand door. Sealing is ensured by an injected one piece polyurethane gasket.

**Lock:**

Customized lock with double-bit for easy opening of the door. Double-bit 3 mm insert and 90° movement. Espagnolette three point locking. Other inserts are available as an accessory.

**Mounting plate:**

The mounting plate is marked vertically at 10 mm intervals, for easy horizontal positioning of equipment. On the top and bottom there are holes to facilitate cable fixing. Fixed onto M8 press welded studs to the rear of the enclosure. All sides, from 800 mm and above, are strengthened by folded edges. By using the AMG accessory, the mounting plate position can be adjusted to any depth.

**Gland Plate Opening:**

Situated at the far rear of the enclosure, to make cabling onto the mounting plate easier.

**Protection:**

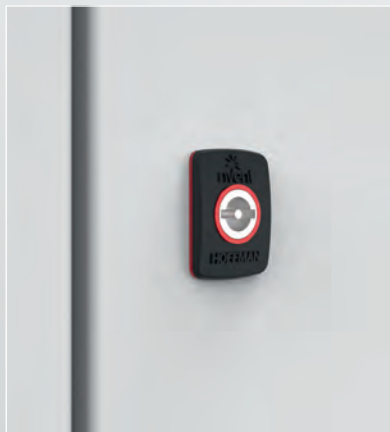
IP 55 | TYPE 12, 13 | IK 10. For outdoor installation, the use of a rain hood ARF and 100% polyester paint coating is recommended. The corrosion resistance must be taken into consideration.

**Finish:**

RAL 7035 structured powder coating.

**Delivery:**

Enclosure with doors, and two door mounting profiles on each door. Gland plate(s) with gasket(s), metallic double-bit 3 mm key, and mounting accessories. Earthing facilities.



## Dimensional table | MAD

### IP 55 | TYPE 12, 13 | IK 10

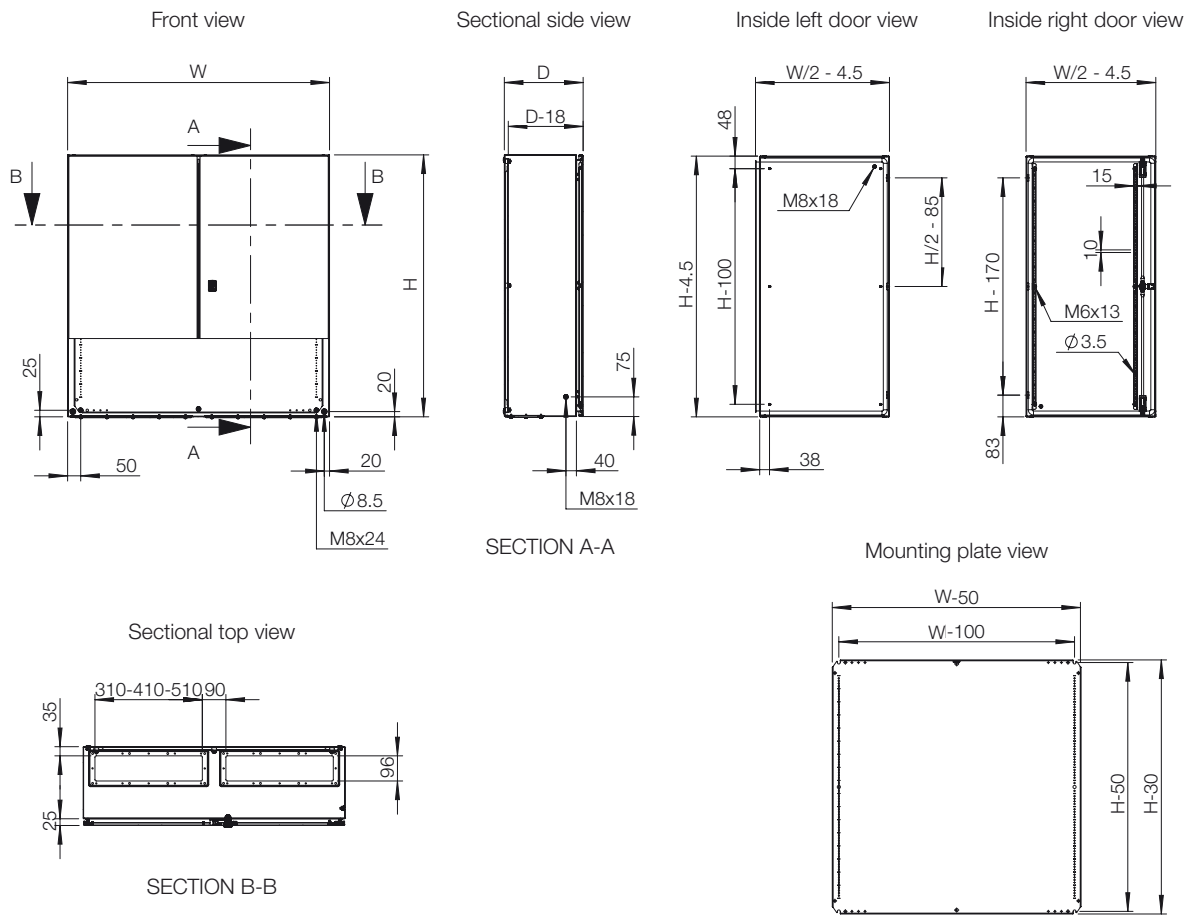
With mounting plate

| Enclosure dimensions |      |     | Mounting plate dimensions |      | Usable depth | Gland plate |      |          | N° of locks | Item no.     |
|----------------------|------|-----|---------------------------|------|--------------|-------------|------|----------|-------------|--------------|
| H                    | W    | D   | h                         | w    | d            | Size        | Type | Openings |             |              |
| 600                  | 800  | 300 | 570                       | 750  | 282          | 310 × 96    | 2    | 2        | 1*          | MAD0608030R5 |
| 800                  | 1200 | 300 | 770                       | 1150 | 282          | 510 × 96    | 4    | 2        | 1*          | MAD0801230R5 |
| 1000                 | 1000 | 300 | 970                       | 950  | 282          | 410 × 96    | 3    | 2        | 1*          | MAD1001030R5 |
| 1200                 | 1000 | 300 | 1170                      | 950  | 282          | 410 × 96    | 3    | 2        | 1*          | MAD1201030R5 |
| 1200                 | 1200 | 300 | 1170                      | 1150 | 282          | 510 × 96    | 4    | 2        | 1*          | MAD1201230R5 |
| 1400                 | 1000 | 300 | 1370                      | 950  | 282          | 410 × 96    | 3    | 2        | 1*          | MAD1401030R5 |

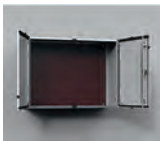
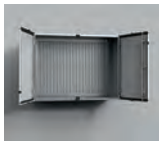
Without mounting plate

| Enclosure dimensions |      |     | Gland plate |      |          | N° of locks | Item no.       |
|----------------------|------|-----|-------------|------|----------|-------------|----------------|
| H                    | W    | D   | Size        | Type | Openings |             |                |
| 600                  | 800  | 300 | 310 × 96    | 2    | 2        | 1*          | MAD0608030PER5 |
| 800                  | 1200 | 300 | 510 × 96    | 4    | 2        | 1*          | MAD0801230PER5 |
| 1000                 | 1000 | 300 | 410 × 96    | 3    | 2        | 1*          | MAD1001030PER5 |
| 1200                 | 1000 | 300 | 410 × 96    | 3    | 2        | 1*          | MAD1201030PER5 |
| 1200                 | 1200 | 300 | 510 × 96    | 4    | 2        | 1*          | MAD1201230PER5 |
| 1400                 | 1000 | 300 | 410 × 96    | 3    | 2        | 1*          | MAD1401030PER5 |

\* 3 point espagnolette locking.



## Accessories selection matrix | MAD

|                  |          |          |          |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
|------------------|----------|----------|----------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                  |          |          |          |  |  |  |  |  |
| <b>Enclosure</b> |          |          |          | <b>Mounting</b>                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
|                  | <b>H</b> | <b>W</b> | <b>D</b> | <b>Steel mounting plate</b>                                                       | <b>Insulated mounting plate</b>                                                   | <b>Telequick mounting plate</b>                                                    | <b>Depth adjustment kit</b>                                                         | <b>Depth interior profile</b>                                                       |
| MAD0608030R5     | 600      | 800      | 300      | AMP06080                                                                          | AMI06080                                                                          | AMT06080                                                                           | AMG300                                                                              | DIP300                                                                              |
| MAD0801230R5     | 800      | 1200     | 300      | AMP08120                                                                          | -                                                                                 | -                                                                                  | AMG300                                                                              | DIP300                                                                              |
| MAD1001030R5     | 1000     | 1000     | 300      | AMP10100                                                                          | -                                                                                 | -                                                                                  | AMG300                                                                              | DIP300                                                                              |
| MAD1201030R5     | 1200     | 1000     | 300      | AMP12100                                                                          | -                                                                                 | -                                                                                  | AMG300                                                                              | DIP300                                                                              |
| MAD1201230R5     | 1200     | 1200     | 300      | AMP12120                                                                          | -                                                                                 | -                                                                                  | AMG300                                                                              | DIP300                                                                              |
| MAD1401030R5     | 1400     | 1000     | 300      | AMP14100                                                                          | -                                                                                 | -                                                                                  | AMG300                                                                              | DIP300                                                                              |

|                  |          |          |          |                                                                                    |                                                                                    |                                                                                    |                                                                                     |                                                                                      |                                                                                      |
|------------------|----------|----------|----------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|                  |          |          |          |  |  |  |  |  |  |
| <b>Enclosure</b> |          |          |          | <b>Fixing</b>                                                                      |                                                                                    |                                                                                    |                                                                                     |                                                                                      |                                                                                      |
|                  | <b>H</b> | <b>W</b> | <b>D</b> | <b>Wall mounting brackets</b>                                                      | <b>Pole fixation</b>                                                               | <b>Front/rear plinths (100 mm height)</b>                                          | <b>Side plinths (100 mm height)</b>                                                 | <b>Front/rear plinths (200 mm height)</b>                                            | <b>Side plinths (200 mm height)</b>                                                  |
| MAD0608030R5     | 600      | 800      | 300      | AW41                                                                               | EPF0800                                                                            | P1080                                                                              | PA1030                                                                              | P2080                                                                                | PA2030                                                                               |
| MAD0801230R5     | 800      | 1200     | 300      | AW41                                                                               | -                                                                                  | P1120                                                                              | PA1030                                                                              | P2120                                                                                | PA2030                                                                               |
| MAD1001030R5     | 1000     | 1000     | 300      | AW41                                                                               | -                                                                                  | P1100                                                                              | PA1030                                                                              | P2100                                                                                | PA2030                                                                               |
| MAD1201030R5     | 1200     | 1000     | 300      | AW41                                                                               | -                                                                                  | P1100                                                                              | PA1030                                                                              | P2100                                                                                | PA2030                                                                               |
| MAD1201230R5     | 1200     | 1200     | 300      | AW41                                                                               | -                                                                                  | P1120                                                                              | PA1030                                                                              | P2120                                                                                | PA2030                                                                               |
| MAD1401030R5     | 1400     | 1000     | 300      | AW41                                                                               | -                                                                                  | P1100                                                                              | PA1030                                                                              | P2100                                                                                | PA2030                                                                               |

|              |      |      |     |  |  |  |  |  |  |
|--------------|------|------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Enclosure    |      |      |     | Doors                                                                             |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
|              | H    | W    | D   | Padlocking                                                                        | 180° hinges                                                                       | Door stop                                                                         | Door switch                                                                        | Door mounting profiles                                                              | Door horizontal profiles                                                            |
| MAD0608030R5 | 600  | 800  | 300 | PLC01                                                                             | 2x MMH02                                                                          | ADO202                                                                            | ADSW01                                                                             | MMDP060                                                                             | DHP040                                                                              |
| MAD0801230R5 | 800  | 1200 | 300 | PLC01                                                                             | 2x MMH02                                                                          | ADO202                                                                            | ADSW01                                                                             | MMDP080                                                                             | DHP060                                                                              |
| MAD1001030R5 | 1000 | 1000 | 300 | PLC01                                                                             | 2x MMH03                                                                          | ADO202                                                                            | ADSW01                                                                             | MMDP100                                                                             | DHP050                                                                              |
| MAD1201030R5 | 1200 | 1000 | 300 | PLC01                                                                             | 2x MMH03                                                                          | ADO202                                                                            | ADSW01                                                                             | MMDP120                                                                             | DHP050                                                                              |
| MAD1201230R5 | 1200 | 1200 | 300 | PLC01                                                                             | 2x MMH03                                                                          | ADO202                                                                            | ADSW01                                                                             | MMDP120                                                                             | DHP060                                                                              |
| MAD1401030R5 | 1400 | 1000 | 300 | PLC01                                                                             | 2x MMH03                                                                          | ADO202                                                                            | ADSW01                                                                             | MMDP140                                                                             | DHP050                                                                              |

|              |      |      |     |  |  |  |  |  |  |
|--------------|------|------|-----|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Enclosure    |      |      |     | Gland plates                                                                       |                                                                                    |                                                                                    |                                                                                     |                                                                                      | Protection                                                                           |
|              | H    | W    | D   | Ventilated gland plate                                                             | Ventilated gland plate with fly-net                                                | Ventilated gland plate with filter                                                 | Adapter gland plate                                                                 | Gland plate with knock-outs                                                          | Rainhood                                                                             |
| MAD0608030R5 | 600  | 800  | 300 | AFR02R5                                                                            | AFG02R5                                                                            | AFV02R5                                                                            | AFA02R5                                                                             | AFK21R5/AFK22R5                                                                      | ARF08030R5                                                                           |
| MAD0801230R5 | 800  | 1200 | 300 | AFR04R5                                                                            | AFG04R5                                                                            | AFV04R5                                                                            | AFA04R5                                                                             | AFK41R5/AFK42R5                                                                      | ARF12030R5                                                                           |
| MAD1001030R5 | 1000 | 1000 | 300 | AFR03R5                                                                            | AFG03R5                                                                            | AFV03R5                                                                            | AFA03R5                                                                             | AFK31R5/AFK32R5                                                                      | ARF10030R5                                                                           |
| MAD1201030R5 | 1200 | 1000 | 300 | AFR03R5                                                                            | AFG03R5                                                                            | AFV03R5                                                                            | AFA03R5                                                                             | AFK31R5/AFK32R5                                                                      | ARF10030R5                                                                           |
| MAD1201230R5 | 1200 | 1200 | 300 | AFR04R5                                                                            | AFG04R5                                                                            | AFV04R5                                                                            | AFA04R5                                                                             | AFK41R5/AFK42R5                                                                      | ARF12030R5                                                                           |
| MAD1401030R5 | 1400 | 1000 | 300 | AFR03R5                                                                            | AFG03R5                                                                            | AFV03R5                                                                            | AFA03R5                                                                             | AFK31R5/AFK32R5                                                                      | ARF10030R5                                                                           |

# Wall Mounted Enclosures

## Steel Range | Mild Steel

### Panel | MAP

IP 66 | TYPE 4, 12, 13 | IK 10



**Material:**

Body: 1.5 mm mild steel. Gland plate: 1.4 mm mild steel. Door: 1.5 mm mild steel MAP0306030R5 / 2 mm MAP0308030R5 and above. Mounting plate: 2 mm galvanized steel.

**Body:**

Folded and seam welded. Four 8.5 mm diameter holes for wall fixing, pressed out in 20.4 mm diameter × 2 mm depressions, to allow air circulation around the rear part of the enclosure.

**Front panel:**

Surface mounted with 130° opening. Concealed removable hinges with captive pin. Hinges can be mounted to allow top or bottom opening. Mechanical door stop keeps the panel open. Inner M6 welded studs. One removable mounting profile on the hinge side. Sealing is ensured by an injected one piece polyurethane gasket.

**Lock:**

Customized lock with double-bit for easy opening of the panel. Double-bit 3 mm insert and 90° movement. Other inserts are available as an accessory.

**Mounting plate:**

The mounting plate is marked vertically at 10 mm intervals, for easy horizontal positioning of equipment. On the top and bottom there are holes to facilitate cable fixing. Fixed onto M8 press welded studs to the rear of the enclosure. All sides, from 800 mm and above, are strengthened by folded edges.

**Gland Plate Opening:**

In top and bottom. Situated at the far rear of the enclosure, to make cabling onto the mounting plate easier. Gland plates (AF) and gaskets (AG) are not included. If the MAP panel is to be combined to an MAS or MAD enclosure, then the gland plate from the MAS/MAD enclosure can be used with the MAP panel.

**Protection:**

Mounted stand alone, complies with IP 66 | TYPE 4, 12, 13 | IK 10, providing you mount the gland plate(s) and gasket(s), supplied as an accessory. Combined with MAS or MAD, complies with IP 55 | TYPE 12.

**Finish:**

RAL 7035 structured powder coating.

**Delivery:**

Enclosure with panel and one panel mounting profile. Plastic double-bit 3 mm key and mounting accessories. Earthing facilities.





## Dimensional table | MAP

### IP 66 | TYPE 4, 12, 13 | IK 10

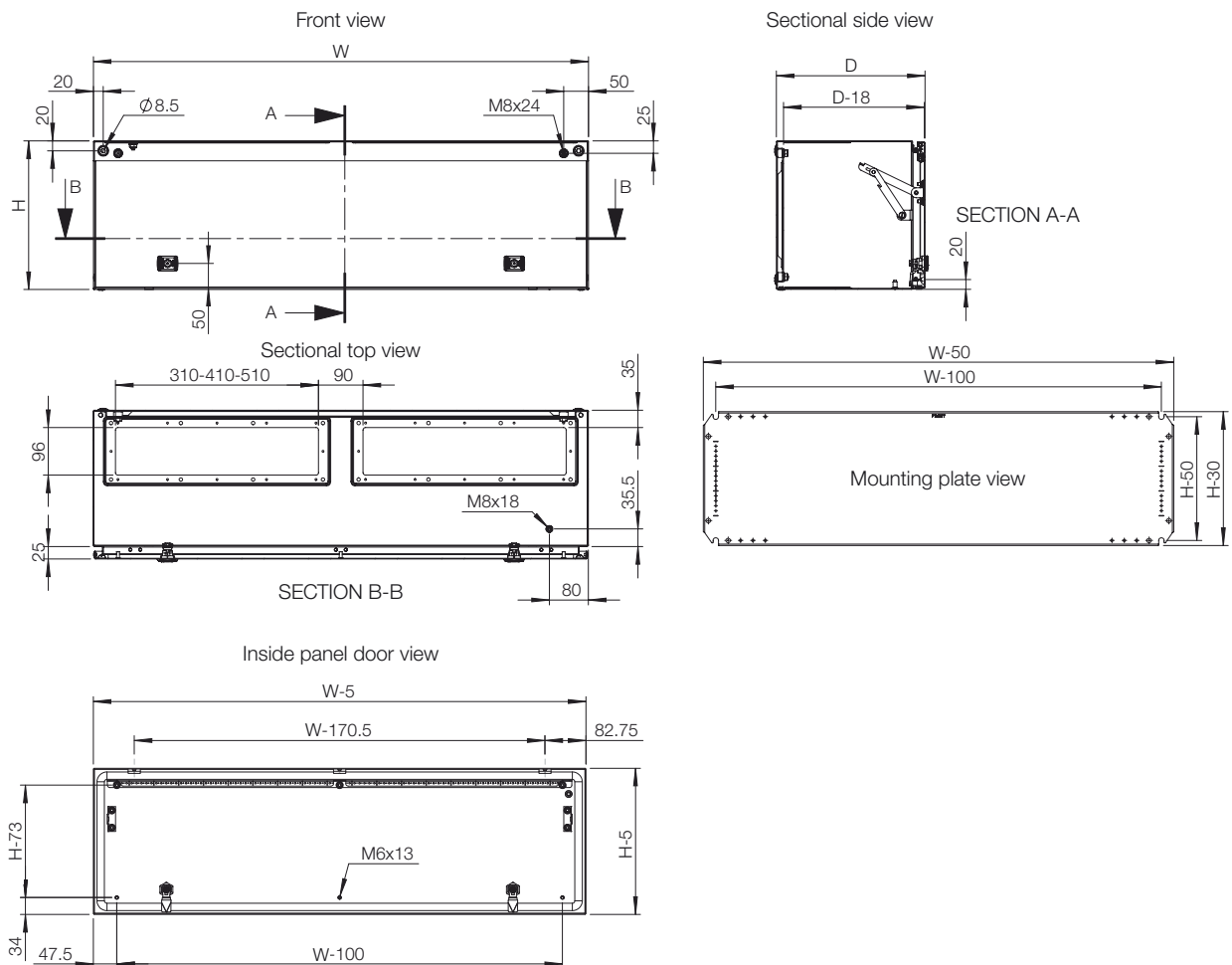
With mounting plate

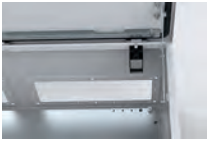
| Enclosure dimensions |      |     | Mounting plate dimensions |      | Usable depth | Gland plate |      |          | N° of locks | Item no.     |
|----------------------|------|-----|---------------------------|------|--------------|-------------|------|----------|-------------|--------------|
| H                    | W    | D   | h                         | w    | d            | Size        | Type | Openings |             |              |
| 300                  | 600  | 300 | 270                       | 550  | 282          | 510 × 96    | 4    | 1 + 1    | 2           | MAP0306030R5 |
| 300                  | 800  | 300 | 270                       | 750  | 282          | 310 × 96    | 2    | 2 + 2    | 2           | MAP0308030R5 |
| 300                  | 1000 | 300 | 270                       | 950  | 282          | 410 × 96    | 3    | 2 + 2    | 2           | MAP0310030R5 |
| 300                  | 1200 | 300 | 270                       | 1150 | 282          | 510 × 96    | 4    | 2 + 2    | 2           | MAP0312030R5 |

Without mounting plate

| Enclosure dimensions |      |     | Gland plate |      |          |  |  | N° of locks | Item no.       |
|----------------------|------|-----|-------------|------|----------|--|--|-------------|----------------|
| H                    | W    | D   | Size        | Type | Openings |  |  |             |                |
| 300                  | 600  | 300 | 510 × 96    | 4    | 1 + 1    |  |  | 2           | MAP0306030PER5 |
| 300                  | 800  | 300 | 310 × 96    | 2    | 2 + 2    |  |  | 2           | MAP0308030PER5 |
| 300                  | 1000 | 300 | 410 × 96    | 3    | 2 + 2    |  |  | 2           | MAP0310030PER5 |
| 300                  | 1200 | 300 | 510 × 96    | 4    | 2 + 2    |  |  | 2           | MAP0312030PER5 |

## Dimensional drawing | MAP



|              |     |      |     |  |  |  |  |
|--------------|-----|------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Enclosure    |     |      |     | Mounting                                                                          |                                                                                   | Doors                                                                              |                                                                                     |
|              | H   | W    | D   | Steel mounting plate                                                              | Depth interior profile                                                            | Padlocking                                                                         | Door switch                                                                         |
| MAP0306030R5 | 300 | 600  | 300 | AMP03060                                                                          | DIP300                                                                            | PLC01                                                                              | ADSW01                                                                              |
| MAP0308030R5 | 300 | 800  | 300 | AMP03080                                                                          | DIP300                                                                            | PLC01                                                                              | ADSW01                                                                              |
| MAP0310030R5 | 300 | 1000 | 300 | AMP03100                                                                          | DIP300                                                                            | PLC01                                                                              | ADSW01                                                                              |
| MAP0312030R5 | 300 | 1200 | 300 | AMP03120                                                                          | DIP300                                                                            | PLC01                                                                              | ADSW01                                                                              |

|              |     |      |     |  |  |  |  |  |  |
|--------------|-----|------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Enclosure    |     |      |     | Fixing                                                                            |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
|              | H   | W    | D   | Wall mounting brackets                                                            | Pole fixation                                                                     | Front/rear plinths (100 mm height)                                                | Side plinths (100 mm height)                                                       | Front/rear plinths (200 mm height)                                                  | Side plinths (200 mm height)                                                        |
| MAP0306030R5 | 300 | 600  | 300 | AW41                                                                              | EPF0600                                                                           | P1060                                                                             | PA1030                                                                             | P2060                                                                               | PA2030                                                                              |
| MAP0308030R5 | 300 | 800  | 300 | AW41                                                                              | EPF0800                                                                           | P1080                                                                             | PA1030                                                                             | P2080                                                                               | PA2030                                                                              |
| MAP0310030R5 | 300 | 1000 | 300 | AW41                                                                              | -                                                                                 | P1100                                                                             | PA1030                                                                             | P2100                                                                               | PA2030                                                                              |
| MAP0312030R5 | 300 | 1200 | 300 | AW41                                                                              | -                                                                                 | P1120                                                                             | PA1030                                                                             | P2120                                                                               | PA2030                                                                              |

|              |     |      |     |  |  |  |  |  |  |
|--------------|-----|------|-----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Enclosure    |     |      |     | Gland plates                                                                        |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |
|              | H   | W    | D   | Standard gland plate                                                                | Ventilated gland plate                                                              | Ventilated gland plate with fly-net                                                 | Ventilated gland plate with filter                                                   | Adapter gland plate                                                                   | Gland plate with knock-outs                                                           |
| MAP0306030R5 | 300 | 600  | 300 | AF04R5                                                                              | AFR04R5                                                                             | AFG04R5                                                                             | AFV04R5                                                                              | AFA04R5                                                                               | AFK41R5/AFK42R5                                                                       |
| MAP0308030R5 | 300 | 800  | 300 | AF02R5                                                                              | AFR02R5                                                                             | AFG02R5                                                                             | AFV02R5                                                                              | AFA02R5                                                                               | AFK21R5/AFK22R5                                                                       |
| MAP0310030R5 | 300 | 1000 | 300 | AF03R5                                                                              | AFR03R5                                                                             | AFG03R5                                                                             | AFV03R5                                                                              | AFA03R5                                                                               | AFK31R5/AFK32R5                                                                       |
| MAP0312030R5 | 300 | 1200 | 300 | AF04R5                                                                              | AFR04R5                                                                             | AFG04R5                                                                             | AFV04R5                                                                              | AFA04R5                                                                               | AFK42R5/AFK41R5                                                                       |

## Wall Mounted Enclosures Steel Range | Stainless Steel Single door | ASR

IP 66 | TYPE 4X, 12, 13 | IK 10



**Material:**

AISI 304L / AISI 316L pre-grained stainless steel. Body: 1.5 mm. Door for AISI 304L: 1.5 mm / 2 mm for enclosures with a height or width of 600 mm or greater. Door for AISI 316L: 2 mm. Mounting plate: 2 mm galvanized steel.

**Body:**

Folded and seam welded.

**Door:**

Corner formed in one piece. Surface mounted, with 130° opening. Concealed AISI 304 stainless steel hinges with captive pin. Can be mounted to allow left or right hand opening. For AISI 316L, sealing is ensured by an injected one piece silicone gasket. Inner M6 welded studs, to mount door profiles MMDP.

**Lock:**

nVent HOFFMAN customized zamak double-bit 3 mm lock, with 90° movement and anti-vibration mechanism. Two locks for 600 mm high to 800 mm high enclosures. Espagnolette three point locking or 3 locks for 1000 mm high enclosures and above. Stainless steel lock and other versions are available as accessories.

**Mounting plate:**

The mounting plate is marked vertically at 10 mm intervals, for easy horizontal positioning of equipment. On the top and bottom there are holes to facilitate cable fixing. Fixed onto M8 press welded studs to the rear of the enclosure. All sides, from 800 mm and above, are strengthened by folded edges. By using the AMG accessory, the mounting plate position can be adjusted to any depth.

**Cable access:**

No gland plate openings as standard, to maximise sealing and cleanliness.

**Protection:**

Corresponds with IP 66 | TYPE 4X, 12, 13 | IK 10.

**Finish:**

400 pre-grained stainless steel.

**Delivery:**

Enclosure with door, mounting plate, plastic double-bit 3 mm key, and mounting accessories. Metallic key, for height 1000 mm and above.

**Additional information:**

For outdoor environments, exposed to precipitation, the use of a rain hood is advised. Also in environments known for quick temperature changes, consideration to condensation should be taken. Please see the thermal management section.



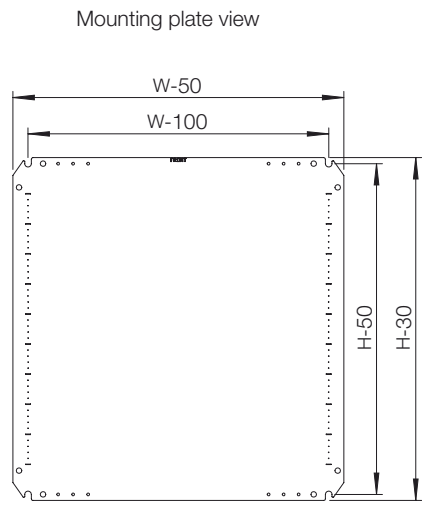
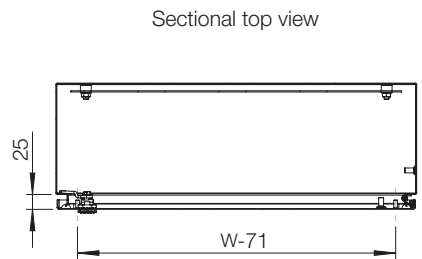
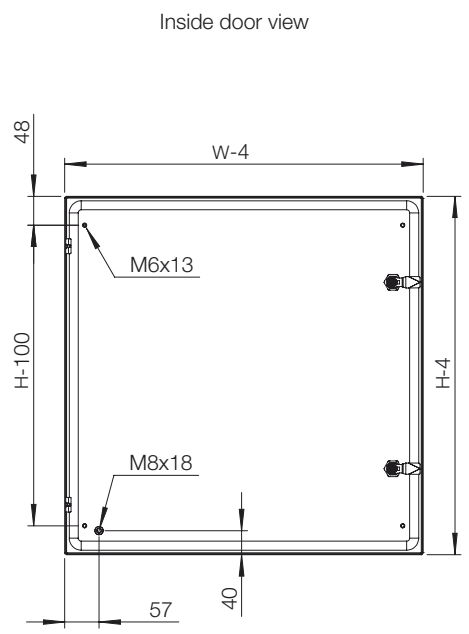
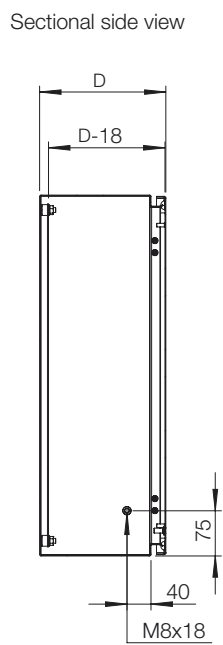
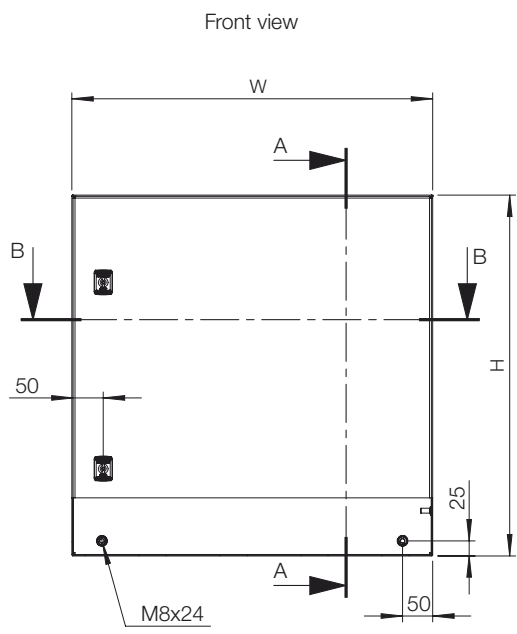
## Dimensional table | ASR

### IP 66 | TYPE 4X, 12, 13 | IK 10

With mounting plate

| Enclosure dimensions |     |     | Mounting plate dimensions |     | Usable depth | N° of locks | Item no.       |
|----------------------|-----|-----|---------------------------|-----|--------------|-------------|----------------|
| H                    | W   | D   | h                         | w   | d            |             |                |
| 180                  | 240 | 150 | 150                       | 190 | 132          | 1           | ASR0182415     |
| 180                  | 240 | 150 | 150                       | 190 | 132          | 1           | ASR0182415-316 |
| 240                  | 240 | 150 | 210                       | 190 | 132          | 1           | ASR0242415     |
| 240                  | 240 | 150 | 210                       | 190 | 132          | 1           | ASR0242415-316 |
| 240                  | 360 | 150 | 210                       | 310 | 132          | 1           | ASR0243615     |
| 240                  | 360 | 150 | 210                       | 310 | 132          | 1           | ASR0243615-316 |
| 300                  | 200 | 150 | 270                       | 150 | 132          | 1           | ASR0302015     |
| 300                  | 200 | 150 | 270                       | 150 | 132          | 1           | ASR0302015-316 |
| 360                  | 240 | 150 | 330                       | 190 | 132          | 1           | ASR0362415     |
| 360                  | 240 | 150 | 330                       | 190 | 132          | 1           | ASR0362415-316 |
| 400                  | 300 | 150 | 370                       | 250 | 132          | 1           | ASR0403015     |
| 400                  | 300 | 150 | 370                       | 250 | 132          | 1           | ASR0403015-316 |
| 400                  | 300 | 210 | 370                       | 250 | 192          | 1           | ASR0403021     |
| 400                  | 300 | 210 | 370                       | 250 | 192          | 1           | ASR0403021-316 |
| 400                  | 400 | 210 | 370                       | 350 | 192          | 1           | ASR0404021     |
| 400                  | 400 | 210 | 370                       | 350 | 192          | 1           | ASR0404021-316 |
| 400                  | 600 | 210 | 370                       | 550 | 192          | 1           | ASR0406021     |
| 400                  | 600 | 210 | 370                       | 550 | 192          | 1           | ASR0406021-316 |
| 500                  | 400 | 210 | 470                       | 350 | 192          | 1           | ASR0504021     |
| 500                  | 400 | 210 | 470                       | 350 | 192          | 1           | ASR0504021-316 |
| 500                  | 500 | 210 | 470                       | 450 | 192          | 1           | ASR0505021     |
| 500                  | 500 | 210 | 470                       | 450 | 192          | 1           | ASR0505021-316 |
| 600                  | 400 | 210 | 570                       | 350 | 192          | 2           | ASR0604021     |
| 600                  | 400 | 210 | 570                       | 350 | 192          | 2           | ASR0604021-316 |
| 600                  | 600 | 210 | 570                       | 550 | 192          | 2           | ASR0606021     |
| 600                  | 600 | 210 | 570                       | 550 | 192          | 2           | ASR0606021-316 |
| 600                  | 600 | 300 | 570                       | 550 | 282          | 2           | ASR0606030     |
| 600                  | 600 | 300 | 570                       | 550 | 282          | 2           | ASR0606030-316 |
| 600                  | 800 | 300 | 570                       | 750 | 282          | 2           | ASR0608030     |
| 600                  | 800 | 300 | 570                       | 750 | 282          | 2           | ASR0608030-316 |
| 800                  | 600 | 210 | 770                       | 550 | 192          | 2           | ASR0806021     |
| 800                  | 600 | 210 | 770                       | 550 | 192          | 2           | ASR0806021-316 |
| 800                  | 600 | 300 | 770                       | 550 | 282          | 2           | ASR0806030     |
| 800                  | 600 | 300 | 770                       | 550 | 282          | 2           | ASR0806030-316 |
| 800                  | 800 | 300 | 770                       | 750 | 282          | 2           | ASR0808030     |
| 800                  | 800 | 300 | 770                       | 750 | 282          | 2           | ASR0808030-316 |
| 1000                 | 800 | 300 | 970                       | 750 | 282          | 1*          | ASR1008030     |
| 1000                 | 800 | 300 | 970                       | 750 | 282          | 1*          | ASR1008030-316 |
| 1200                 | 800 | 300 | 1170                      | 750 | 282          | 1*          | ASR1208030     |
| 1200                 | 800 | 300 | 1170                      | 750 | 282          | 1*          | ASR1208030-316 |
| 1200                 | 800 | 400 | 1170                      | 750 | 382          | 1*          | ASR1208040     |
| 1200                 | 800 | 400 | 1170                      | 750 | 382          | 1*          | ASR1208040-316 |
| 1400                 | 800 | 400 | 1370                      | 750 | 382          | 1*          | ASR1408040     |
| 1400                 | 800 | 400 | 1370                      | 750 | 382          | 3           | ASR1408040-316 |

\* 1000 mm high enclosures and above have espagnolette three point locking or 3 locks.



## Accessories selection matrix | ASR

|                |      |     |     |  |  |  |  |  |  |
|----------------|------|-----|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Enclosure      |      |     |     | Mounting                                                                          |                                                                                   |                                                                                   |                                                                                    |                                                                                     | Modular System                                                                      |
|                | H    | W   | D   | Steel mounting plate                                                              | Insulated mounting plate                                                          | Telequick mounting plate                                                          | Depth adjustment kit                                                               | Depth interior profile                                                              | Modular chassis                                                                     |
| ASR0182415     | 180  | 240 | 150 | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| ASR0182415-316 | 180  | 240 | 150 | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| ASR0242415     | 240  | 240 | 150 | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| ASR0242415-316 | 240  | 240 | 150 | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| ASR0243615     | 240  | 360 | 150 | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| ASR0243615-316 | 240  | 360 | 150 | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| ASR0302015     | 300  | 200 | 150 | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| ASR0302015-316 | 300  | 200 | 150 | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| ASR0362415     | 360  | 240 | 150 | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| ASR0362415-316 | 360  | 240 | 150 | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| ASR0403015     | 400  | 300 | 150 | AMP04030                                                                          | AMI04030                                                                          | AMT04030                                                                          | -                                                                                  | -                                                                                   | AC04030R5                                                                           |
| ASR0403015-316 | 400  | 300 | 150 | AMP04030                                                                          | AMI04030                                                                          | AMT04030                                                                          | -                                                                                  | -                                                                                   | AC04030R5                                                                           |
| ASR0403021     | 400  | 300 | 210 | AMP04030                                                                          | AMI04030                                                                          | AMT04030                                                                          | AMG210                                                                             | DIP210                                                                              | AC04030R5                                                                           |
| ASR0403021-316 | 400  | 300 | 210 | AMP04030                                                                          | AMI04030                                                                          | AMT04030                                                                          | AMG210                                                                             | DIP210                                                                              | AC04030R5                                                                           |
| ASR0404021     | 400  | 400 | 210 | AMP04040                                                                          | AMI04040                                                                          | AMT04040                                                                          | AMG210                                                                             | DIP210                                                                              | -                                                                                   |
| ASR0404021-316 | 400  | 400 | 210 | AMP04040                                                                          | AMI04040                                                                          | AMT04040                                                                          | AMG210                                                                             | DIP210                                                                              | -                                                                                   |
| ASR0406021     | 400  | 600 | 210 | AMP04060                                                                          | AMI04060                                                                          | AMT04060                                                                          | AMG210                                                                             | DIP210                                                                              | -                                                                                   |
| ASR0406021-316 | 400  | 600 | 210 | AMP04060                                                                          | AMI04060                                                                          | AMT04060                                                                          | AMG210                                                                             | DIP210                                                                              | -                                                                                   |
| ASR0504021     | 500  | 400 | 210 | AMP05040                                                                          | AMI05040                                                                          | AMT05040                                                                          | AMG210                                                                             | DIP210                                                                              | AC05040R5                                                                           |
| ASR0504021-316 | 500  | 400 | 210 | AMP05040                                                                          | AMI05040                                                                          | AMT05040                                                                          | AMG210                                                                             | DIP210                                                                              | AC05040R5                                                                           |
| ASR0505021     | 500  | 500 | 210 | AMP05050                                                                          | AMI05050                                                                          | AMT05050                                                                          | AMG210                                                                             | DIP210                                                                              | -                                                                                   |
| ASR0505021-316 | 500  | 500 | 210 | AMP05050                                                                          | AMI05050                                                                          | AMT05050                                                                          | AMG210                                                                             | DIP210                                                                              | -                                                                                   |
| ASR0604021     | 600  | 400 | 210 | AMP06040                                                                          | AMI06040                                                                          | AMT06040                                                                          | AMG210                                                                             | DIP210                                                                              | AC06040R5                                                                           |
| ASR0604021-316 | 600  | 400 | 210 | AMP06040                                                                          | AMI06040                                                                          | AMT06040                                                                          | AMG210                                                                             | DIP210                                                                              | AC06040R5                                                                           |
| ASR0606021     | 600  | 600 | 210 | AMP06060                                                                          | AMI06060                                                                          | AMT06060                                                                          | AMG210                                                                             | DIP210                                                                              | AC06060R5                                                                           |
| ASR0606021-316 | 600  | 600 | 210 | AMP06060                                                                          | AMI06060                                                                          | AMT06060                                                                          | AMG210                                                                             | DIP210                                                                              | AC06060R5                                                                           |
| ASR0606030     | 600  | 600 | 300 | AMP06060                                                                          | AMI06060                                                                          | AMT06060                                                                          | AMG300                                                                             | DIP300                                                                              | AC06060R5                                                                           |
| ASR0606030-316 | 600  | 600 | 300 | AMP06060                                                                          | AMI06060                                                                          | AMT06060                                                                          | AMG300                                                                             | DIP300                                                                              | AC06060R5                                                                           |
| ASR0608030     | 600  | 800 | 300 | AMP06080                                                                          | AMI06080                                                                          | AMT06080                                                                          | AMG300                                                                             | DIP300                                                                              | -                                                                                   |
| ASR0608030-316 | 600  | 800 | 300 | AMP06080                                                                          | AMI06080                                                                          | AMT06080                                                                          | AMG300                                                                             | DIP300                                                                              | -                                                                                   |
| ASR0806021     | 800  | 600 | 210 | AMP08060                                                                          | AMI08060                                                                          | AMT08060                                                                          | AMG210                                                                             | DIP210                                                                              | AC08060R5                                                                           |
| ASR0806021-316 | 800  | 600 | 210 | AMP08060                                                                          | AMI08060                                                                          | AMT08060                                                                          | AMG210                                                                             | DIP210                                                                              | AC08060R5                                                                           |
| ASR0806030     | 800  | 600 | 300 | AMP08060                                                                          | AMI08060                                                                          | AMT08060                                                                          | AMG300                                                                             | DIP300                                                                              | AC08060R5                                                                           |
| ASR0806030-316 | 800  | 600 | 300 | AMP08060                                                                          | AMI08060                                                                          | AMT08060                                                                          | AMG300                                                                             | DIP300                                                                              | AC08060R5                                                                           |
| ASR0808030     | 800  | 800 | 300 | AMP08080                                                                          | AMI08080                                                                          | AMT08080                                                                          | AMG300                                                                             | DIP300                                                                              | -                                                                                   |
| ASR0808030-316 | 800  | 800 | 300 | AMP08080                                                                          | AMI08080                                                                          | AMT08080                                                                          | AMG300                                                                             | DIP300                                                                              | -                                                                                   |
| ASR1008030     | 1000 | 800 | 300 | AMP10080                                                                          | AMI10080                                                                          | AMT10080                                                                          | AMG300                                                                             | DIP300                                                                              | AC10080R5                                                                           |
| ASR1008030-316 | 1000 | 800 | 300 | AMP10080                                                                          | AMI10080                                                                          | AMT10080                                                                          | AMG300                                                                             | DIP300                                                                              | AC10080R5                                                                           |
| ASR1208030     | 1200 | 800 | 300 | AMP12080                                                                          | AMI12080                                                                          | AMT12080                                                                          | AMG300                                                                             | DIP300                                                                              | -                                                                                   |
| ASR1208030-316 | 1200 | 800 | 300 | AMP12080                                                                          | AMI12080                                                                          | AMT12080                                                                          | AMG300                                                                             | DIP300                                                                              | -                                                                                   |
| ASR1208040     | 1200 | 800 | 400 | AMP12080                                                                          | AMI12080                                                                          | AMT12080                                                                          | AMG400                                                                             | DIP400                                                                              | -                                                                                   |
| ASR1208040-316 | 1200 | 800 | 400 | AMP12080                                                                          | AMI12080                                                                          | AMT12080                                                                          | AMG400                                                                             | DIP400                                                                              | -                                                                                   |
| ASR1408040     | 1400 | 800 | 400 | -                                                                                 | -                                                                                 | -                                                                                 | AMG400                                                                             | DIP400                                                                              | -                                                                                   |
| ASR1408040-316 | 1400 | 800 | 400 | -                                                                                 | -                                                                                 | -                                                                                 | AMG400                                                                             | DIP400                                                                              | -                                                                                   |





| Enclosure      |      |     |     | Fixing                 |               |              | Protection  |
|----------------|------|-----|-----|------------------------|---------------|--------------|-------------|
|                | H    | W   | D   | Wall mounting brackets | Pole fixation | Plinth       | Rainhood    |
| ASR0182415     | 180  | 240 | 150 | AWS41-304              | -             | -            | -           |
| ASR0182415-316 | 180  | 240 | 150 | AWS41-316              | -             | -            | -           |
| ASR0242415     | 240  | 240 | 150 | AWS41-304              | -             | -            | -           |
| ASR0242415-316 | 240  | 240 | 150 | AWS41-316              | -             | -            | -           |
| ASR0243615     | 240  | 360 | 150 | AWS41-304              | -             | -            | -           |
| ASR0243615-316 | 240  | 360 | 150 | AWS41-316              | -             | -            | -           |
| ASR0302015     | 300  | 200 | 150 | AWS41-304              | -             | -            | -           |
| ASR0302015-316 | 300  | 200 | 150 | AWS41-316              | -             | -            | -           |
| ASR0362415     | 360  | 240 | 150 | AWS41-304              | -             | -            | -           |
| ASR0362415-316 | 360  | 240 | 150 | AWS41-316              | -             | -            | -           |
| ASR0403015     | 400  | 300 | 150 | AWS41-304              | EPF0300       | -            | -           |
| ASR0403015-316 | 400  | 300 | 150 | AWS41-316              | EPF0300       | -            | -           |
| ASR0403021     | 400  | 300 | 210 | AWS41-304              | EPF0300       | -            | -           |
| ASR0403021-316 | 400  | 300 | 210 | AWS41-316              | EPF0300       | -            | -           |
| ASR0404021     | 400  | 400 | 210 | AWS41-304              | EPF0400       | -            | ASST042     |
| ASR0404021-316 | 400  | 400 | 210 | AWS41-316              | EPF0400       | -            | ASST042-316 |
| ASR0406021     | 400  | 600 | 210 | AWS41-304              | EPF0600       | -            | ASST062     |
| ASR0406021-316 | 400  | 600 | 210 | AWS41-316              | EPF0600       | -            | ASST062-316 |
| ASR0504021     | 500  | 400 | 210 | AWS41-304              | EPF0400       | -            | ASST042     |
| ASR0504021-316 | 500  | 400 | 210 | AWS41-316              | EPF0400       | -            | ASST042-316 |
| ASR0505021     | 500  | 500 | 210 | AWS41-304              | EPF0500       | -            | -           |
| ASR0505021-316 | 500  | 500 | 210 | AWS41-316              | EPF0500       | -            | -           |
| ASR0604021     | 600  | 400 | 210 | AWS41-304              | EPF0400       | -            | ASST042     |
| ASR0604021-316 | 600  | 400 | 210 | AWS41-316              | EPF0400       | -            | ASST042-316 |
| ASR0606021     | 600  | 600 | 210 | AWS41-304              | EPF0600       | -            | ASST062     |
| ASR0606021-316 | 600  | 600 | 210 | AWS41-316              | EPF0600       | -            | ASST062-316 |
| ASR0606030     | 600  | 600 | 300 | AWS41-304              | EPF0600       | MSVS1063     | ASST063     |
| ASR0606030-316 | 600  | 600 | 300 | AWS41-316              | EPF0600       | MSVS1063-316 | ASST063-316 |
| ASR0608030     | 600  | 800 | 300 | AWS41-304              | EPF0800       | MSVS1083     | ASST083     |
| ASR0608030-316 | 600  | 800 | 300 | AWS41-316              | EPF0800       | MSVS1083-316 | ASST083-316 |
| ASR0806021     | 800  | 600 | 210 | AWS41-304              | EPF0600       | -            | ASST062     |
| ASR0806021-316 | 800  | 600 | 210 | AWS41-316              | EPF0600       | -            | ASST062-316 |
| ASR0806030     | 800  | 600 | 300 | AWS41-304              | EPF0600       | MSVS1063     | ASST063     |
| ASR0806030-316 | 800  | 600 | 300 | AWS41-316              | EPF0600       | MSVS1063-316 | ASST063-316 |
| ASR0808030     | 800  | 800 | 300 | AWS41-304              | EPF0800       | MSVS1083     | ASST083     |
| ASR0808030-316 | 800  | 800 | 300 | AWS41-316              | EPF0800       | MSVS1083-316 | ASST083-316 |
| ASR1008030     | 1000 | 800 | 300 | AWS41-304              | EPF0800       | MSVS1083     | ASST083     |
| ASR1008030-316 | 1000 | 800 | 300 | AWS41-316              | EPF0800       | MSVS1083-316 | ASST083-316 |
| ASR1208030     | 1200 | 800 | 300 | AWS41-304              | EPF0800       | MSVS1083     | ASST083     |
| ASR1208030-316 | 1200 | 800 | 300 | AWS41-316              | EPF0800       | MSVS1083-316 | ASST083-316 |
| ASR1208040     | 1200 | 800 | 400 | AWS41-304              | EPF0800       | MSVS1084     | ASST084     |
| ASR1208040-316 | 1200 | 800 | 400 | AWS41-316              | EPF0800       | MSVS1084-316 | ASST084-316 |
| ASR1408040     | 1400 | 800 | 400 | AWS41-304              | EPF0800       | MSVS1084     | ASST084     |
| ASR1408040-316 | 1400 | 800 | 400 | AWS41-316              | EPF0800       | MSVS1084-316 | ASST084-316 |

# Accessories selection matrix | ASR

|                |      |     |     |  |  |  |  |  |
|----------------|------|-----|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Enclosure      |      |     |     | Doors                                                                             |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
|                | H    | W   | D   | 180° hinges                                                                       | Door stop                                                                         | Door switch                                                                        | Door mounting profiles                                                              | Door horizontal profiles                                                            |
| ASR0182415     | 180  | 240 | 150 | MMHS02                                                                            | -                                                                                 | ADSW01                                                                             | -                                                                                   | -                                                                                   |
| ASR0182415-316 | 180  | 240 | 150 | MMHS02                                                                            | -                                                                                 | ADSW01                                                                             | -                                                                                   | -                                                                                   |
| ASR0242415     | 240  | 240 | 150 | MMHS02                                                                            | -                                                                                 | ADSW01                                                                             | -                                                                                   | -                                                                                   |
| ASR0242415-316 | 240  | 240 | 150 | MMHS02                                                                            | -                                                                                 | ADSW01                                                                             | -                                                                                   | -                                                                                   |
| ASR0243615     | 240  | 360 | 150 | MMHS02                                                                            | ADO202S                                                                           | ADSW01                                                                             | -                                                                                   | -                                                                                   |
| ASR0243615-316 | 240  | 360 | 150 | MMHS02                                                                            | ADO202S                                                                           | ADSW01                                                                             | -                                                                                   | -                                                                                   |
| ASR0302015     | 300  | 200 | 150 | MMHS02                                                                            | -                                                                                 | ADSW01                                                                             | -                                                                                   | -                                                                                   |
| ASR0302015-316 | 300  | 200 | 150 | MMHS02                                                                            | -                                                                                 | ADSW01                                                                             | -                                                                                   | -                                                                                   |
| ASR0362415     | 360  | 240 | 150 | MMHS02                                                                            | -                                                                                 | ADSW01                                                                             | -                                                                                   | -                                                                                   |
| ASR0362415-316 | 360  | 240 | 150 | MMHS02                                                                            | -                                                                                 | ADSW01                                                                             | -                                                                                   | -                                                                                   |
| ASR0403015     | 400  | 300 | 150 | MMHS02                                                                            | ADO202S                                                                           | ADSW01                                                                             | MMDP040                                                                             | DHP030                                                                              |
| ASR0403015-316 | 400  | 300 | 150 | MMHS02                                                                            | ADO202S                                                                           | ADSW01                                                                             | MMDP040                                                                             | DHP030                                                                              |
| ASR0403021     | 400  | 300 | 210 | MMHS02                                                                            | ADO202S                                                                           | ADSW01                                                                             | MMDP040                                                                             | DHP030                                                                              |
| ASR0403021-316 | 400  | 300 | 210 | MMHS02                                                                            | ADO202S                                                                           | ADSW01                                                                             | MMDP040                                                                             | DHP030                                                                              |
| ASR0404021     | 400  | 400 | 210 | MMHS02                                                                            | ADO202S                                                                           | ADSW01                                                                             | MMDP040                                                                             | DHP040                                                                              |
| ASR0404021-316 | 400  | 400 | 210 | MMHS02                                                                            | ADO202S                                                                           | ADSW01                                                                             | MMDP040                                                                             | DHP040                                                                              |
| ASR0406021     | 400  | 600 | 210 | MMHS02                                                                            | ADO202S                                                                           | ADSW01                                                                             | MMDP040                                                                             | DHP060                                                                              |
| ASR0406021-316 | 400  | 600 | 210 | MMHS02                                                                            | ADO202S                                                                           | ADSW01                                                                             | MMDP040                                                                             | DHP060                                                                              |
| ASR0504021     | 500  | 400 | 210 | MMHS02                                                                            | ADO202S                                                                           | ADSW01                                                                             | MMDP050                                                                             | DHP040                                                                              |
| ASR0504021-316 | 500  | 400 | 210 | MMHS02                                                                            | ADO202S                                                                           | ADSW01                                                                             | MMDP050                                                                             | DHP040                                                                              |
| ASR0505021     | 500  | 500 | 210 | MMHS02                                                                            | ADO202S                                                                           | ADSW01                                                                             | MMDP050                                                                             | DHP050                                                                              |
| ASR0505021-316 | 500  | 500 | 210 | MMHS02                                                                            | ADO202S                                                                           | ADSW01                                                                             | MMDP050                                                                             | DHP050                                                                              |
| ASR0604021     | 600  | 400 | 210 | MMHS02                                                                            | ADO202S                                                                           | ADSW01                                                                             | MMDP060                                                                             | DHP040                                                                              |
| ASR0604021-316 | 600  | 400 | 210 | MMHS02                                                                            | ADO202S                                                                           | ADSW01                                                                             | MMDP060                                                                             | DHP040                                                                              |
| ASR0606021     | 600  | 600 | 210 | MMHS02                                                                            | ADO202S                                                                           | ADSW01                                                                             | MMDP060                                                                             | DHP060                                                                              |
| ASR0606021-316 | 600  | 600 | 210 | MMHS02                                                                            | ADO202S                                                                           | ADSW01                                                                             | MMDP060                                                                             | DHP060                                                                              |
| ASR0606030     | 600  | 600 | 300 | MMHS02                                                                            | ADO202S                                                                           | ADSW01                                                                             | MMDP060                                                                             | DHP060                                                                              |
| ASR0606030-316 | 600  | 600 | 300 | MMHS02                                                                            | ADO202S                                                                           | ADSW01                                                                             | MMDP060                                                                             | DHP060                                                                              |
| ASR0608030     | 600  | 800 | 300 | MMHS02                                                                            | ADO202S                                                                           | ADSW01                                                                             | MMDP060                                                                             | DHP080                                                                              |
| ASR0608030-316 | 600  | 800 | 300 | MMHS02                                                                            | ADO202S                                                                           | ADSW01                                                                             | MMDP060                                                                             | DHP080                                                                              |
| ASR0806021     | 800  | 600 | 210 | MMHS02                                                                            | ADO202S                                                                           | ADSW01                                                                             | MMDP080                                                                             | DHP060                                                                              |
| ASR0806021-316 | 800  | 600 | 210 | MMHS02                                                                            | ADO202S                                                                           | ADSW01                                                                             | MMDP080                                                                             | DHP060                                                                              |
| ASR0806030     | 800  | 600 | 300 | MMHS02                                                                            | ADO202S                                                                           | ADSW01                                                                             | MMDP080                                                                             | DHP060                                                                              |
| ASR0806030-316 | 800  | 600 | 300 | MMHS02                                                                            | ADO202S                                                                           | ADSW01                                                                             | MMDP080                                                                             | DHP060                                                                              |
| ASR0808030     | 800  | 800 | 300 | MMHS02                                                                            | ADO202S                                                                           | ADSW01                                                                             | MMDP080                                                                             | DHP080                                                                              |
| ASR0808030-316 | 800  | 800 | 300 | MMHS02                                                                            | ADO202S                                                                           | ADSW01                                                                             | MMDP080                                                                             | DHP080                                                                              |
| ASR1008030     | 1000 | 800 | 300 | MMHS03                                                                            | ADO202S                                                                           | ADSW01                                                                             | MMDP100                                                                             | DHP080                                                                              |
| ASR1008030-316 | 1000 | 800 | 300 | MMHS03                                                                            | ADO202S                                                                           | ADSW01                                                                             | MMDP100                                                                             | DHP080                                                                              |
| ASR1208030     | 1200 | 800 | 300 | MMHS03                                                                            | ADO202S                                                                           | ADSW01                                                                             | MMDP120                                                                             | DHP080                                                                              |
| ASR1208030-316 | 1200 | 800 | 300 | MMHS03                                                                            | ADO202S                                                                           | ADSW01                                                                             | MMDP120                                                                             | DHP080                                                                              |
| ASR1208040     | 1200 | 800 | 400 | MMHS03                                                                            | ADO202S                                                                           | ADSW01                                                                             | MMDP120                                                                             | DHP080                                                                              |
| ASR1208040-316 | 1200 | 800 | 400 | MMHS03                                                                            | ADO202S                                                                           | ADSW01                                                                             | MMDP120                                                                             | DHP080                                                                              |
| ASR1408040     | 1400 | 800 | 400 | MMHS03                                                                            | ADO202S                                                                           | ADSW01                                                                             | MMDP140                                                                             | DHP080                                                                              |
| ASR1408040-316 | 1400 | 800 | 400 | MMHS03                                                                            | ADO202S                                                                           | ADSW01                                                                             | MMDP140                                                                             | DHP080                                                                              |



| Enclosure      | H    | W   | D   | Inner door | Glazed door | Transparent aluminium door | Locks      |
|----------------|------|-----|-----|------------|-------------|----------------------------|------------|
|                |      |     |     |            |             |                            | Padlocking |
| ASR0182415     | 180  | 240 | 150 | -          | -           | -                          | PLC01      |
| ASR0182415-316 | 180  | 240 | 150 | -          | -           | -                          | PLC01      |
| ASR0242415     | 240  | 240 | 150 | -          | -           | -                          | PLC01      |
| ASR0242415-316 | 240  | 240 | 150 | -          | -           | -                          | PLC01      |
| ASR0243615     | 240  | 360 | 150 | -          | -           | -                          | PLC01      |
| ASR0243615-316 | 240  | 360 | 150 | -          | -           | -                          | PLC01      |
| ASR0302015     | 300  | 200 | 150 | -          | -           | -                          | PLC01      |
| ASR0302015-316 | 300  | 200 | 150 | -          | -           | -                          | PLC01      |
| ASR0362415     | 360  | 240 | 150 | -          | ADCS03624   | -                          | PLC01      |
| ASR0362415-316 | 360  | 240 | 150 | -          | -           | -                          | PLC01      |
| ASR0403015     | 400  | 300 | 150 | ADIS04030  | ADCS04030   | ADA04030                   | PLC01      |
| ASR0403015-316 | 400  | 300 | 150 | ADIS04030  | -           | ADA04030                   | PLC01      |
| ASR0403021     | 400  | 300 | 210 | ADIS04030  | ADCS04030   | ADA04030                   | PLC01      |
| ASR0403021-316 | 400  | 300 | 210 | ADIS04030  | -           | ADA04030                   | PLC01      |
| ASR0404021     | 400  | 400 | 210 | -          | ADCS04040   | ADA04040                   | PLC01      |
| ASR0404021-316 | 400  | 400 | 210 | -          | -           | ADA04040                   | PLC01      |
| ASR0406021     | 400  | 600 | 210 | -          | ADCS04060   | ADA04060                   | PLC01      |
| ASR0406021-316 | 400  | 600 | 210 | -          | -           | ADA04060                   | PLC01      |
| ASR0504021     | 500  | 400 | 210 | ADIS05040  | ADCS05040   | ADA05040                   | PLC01      |
| ASR0504021-316 | 500  | 400 | 210 | ADIS05040  | -           | ADA05040                   | PLC01      |
| ASR0505021     | 500  | 500 | 210 | ADIS05050  | ADCS05050   | -                          | PLC01      |
| ASR0505021-316 | 500  | 500 | 210 | ADIS05050  | -           | -                          | PLC01      |
| ASR0604021     | 600  | 400 | 210 | ADIS06040  | ADCS06040   | ADAB06040                  | PLC01      |
| ASR0604021-316 | 600  | 400 | 210 | ADIS06040  | -           | ADAB06040                  | PLC01      |
| ASR0606021     | 600  | 600 | 210 | ADIS06060  | ADCS06060   | ADAB06060                  | PLC01      |
| ASR0606021-316 | 600  | 600 | 210 | ADIS06060  | -           | ADAB06060                  | PLC01      |
| ASR0606030     | 600  | 600 | 300 | ADIS06060  | ADCS06060   | ADAB06060                  | PLC01      |
| ASR0606030-316 | 600  | 600 | 300 | ADIS06060  | -           | ADAB06060                  | PLC01      |
| ASR0608030     | 600  | 800 | 300 | -          | ADCS06080   | ADAB06080                  | PLC01      |
| ASR0608030-316 | 600  | 800 | 300 | -          | -           | ADAB06080                  | PLC01      |
| ASR0806021     | 800  | 600 | 210 | ADIS08060  | ADCS08060   | ADAB08060                  | PLC01      |
| ASR0806021-316 | 800  | 600 | 210 | ADIS08060  | -           | ADAB08060                  | PLC01      |
| ASR0806030     | 800  | 600 | 300 | ADIS08060  | ADCS08060   | ADAB08060                  | PLC01      |
| ASR0806030-316 | 800  | 600 | 300 | ADIS08060  | -           | ADAB08060                  | PLC01      |
| ASR0808030     | 800  | 800 | 300 | -          | ADCS08080   | -                          | PLC01      |
| ASR0808030-316 | 800  | 800 | 300 | -          | -           | -                          | PLC01      |
| ASR1008030     | 1000 | 800 | 300 | ADIS10080  | ADCS10080   | ADAB10080                  | PLC01      |
| ASR1008030-316 | 1000 | 800 | 300 | ADIS10080  | -           | ADAB10080                  | PLC01      |
| ASR1208030     | 1200 | 800 | 300 | ADIS12080  | ADCS12080   | ADAB12080                  | PLC01      |
| ASR1208030-316 | 1200 | 800 | 300 | ADIS12080  | -           | ADAB12080                  | PLC01      |
| ASR1208040     | 1200 | 800 | 400 | ADIS12080  | ADCS12080   | ADAB12080                  | PLC01      |
| ASR1208040-316 | 1200 | 800 | 400 | ADIS12080  | -           | ADAB12080                  | PLC01      |
| ASR1408040     | 1400 | 800 | 400 | -          | ADCS14080   | -                          | PLC01      |
| ASR1408040-316 | 1400 | 800 | 400 | -          | -           | -                          | PLC01      |

# Wall Mounted Enclosures

## Steel Range | Stainless Steel

### Double door | ADR

IP 55 | TYPE 12, 13 | IK 10



**Material:**

AISI 304L / AISI 316L pre-grained stainless steel. Body: 1.5 mm. Door: 2 mm.  
Mounting plate: 2.5 mm galvanized steel.

**Body:**

Folded and seam welded.

**Door:**

Corner formed in one piece. Surface mounted, with 130° opening. Concealed AISI 304 stainless steel hinges with captive pin. Inner M6 welded studs to mount door profiles MMDP. For AISI 316L, sealing is ensured by an injected one piece silicone gasket.

**Lock:**

nVent HOFFMAN customized zamak double-bit 3 mm lock, with 90° movement and anti-vibration mechanism. Espagnolette three point locking. Stainless steel lock and other versions are available as accessories.

**Mounting plate:**

The mounting plate is marked vertically at 10 mm intervals, for easy horizontal positioning of equipment. On the top and bottom there are holes to facilitate cable fixing. Fixed onto M8 press welded studs to the rear of the enclosure. All sides, from 800 mm and above, are strengthened by folded edges. By using the AMG accessory, the mounting plate position can be adjusted to any depth.

**Cable access:**

No gland plate openings as standard, to maximise sealing and cleanliness.

**Finish:**

400 pre-grained stainless steel.

**Protection:**

Corresponds with IP 55 | TYPE 12, 13 | IK 10.

**Delivery:**

Enclosure with door, mounting plate, metallic key and mounting accessories.

**Additional information:**

For outdoor environments exposed to precipitation, the use of a rain hood is advised. Also in environments known for quick temperature changes, consideration to condensation should be taken. Please see the thermal management section.



# Dimensional table | ADR

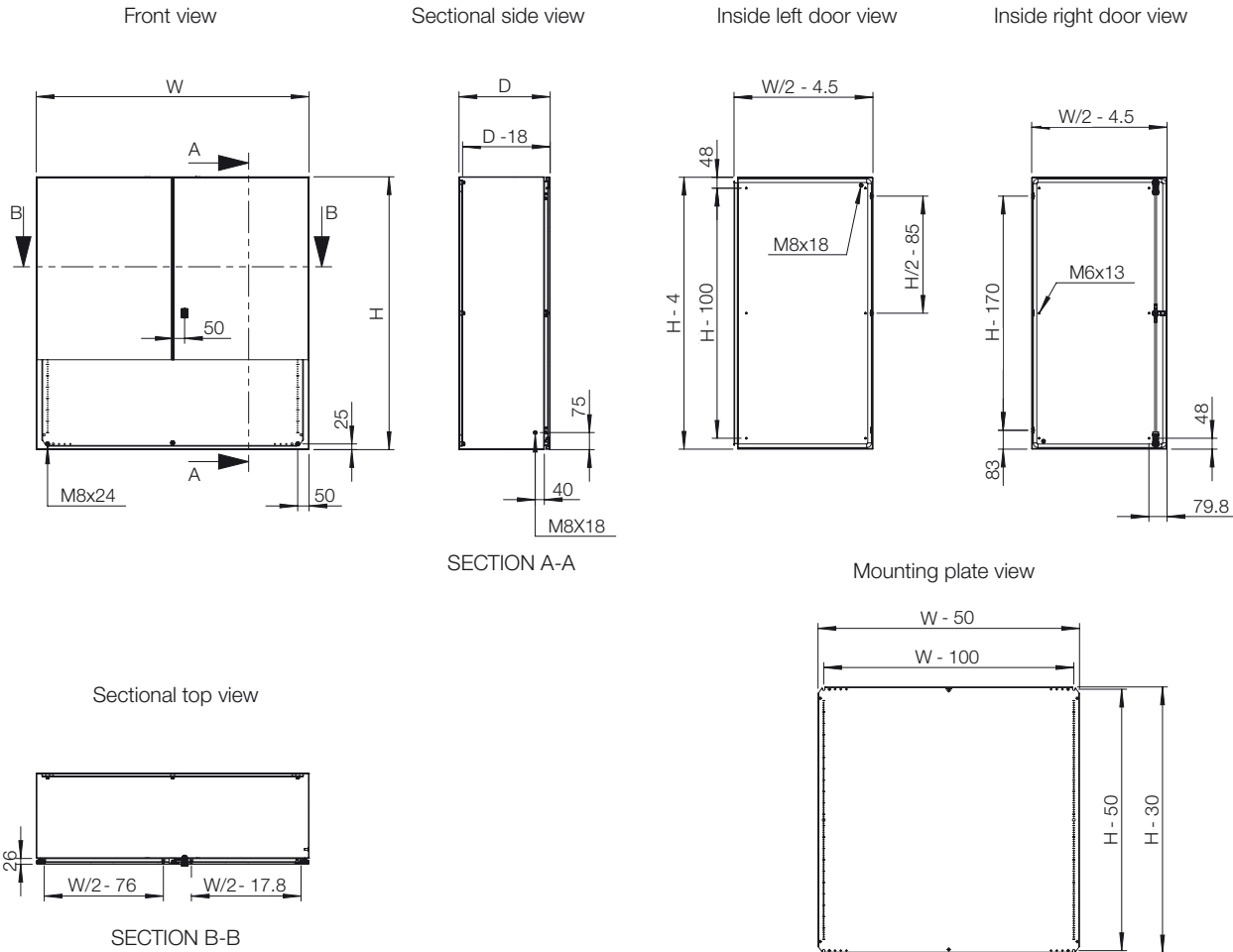
## IP 55 | TYPE 12, 13 | IK 10

With mounting plate

| Enclosure dimensions |      |     | Mounting plate dimensions |      | Usable depth | N° of locks | Item no.       |
|----------------------|------|-----|---------------------------|------|--------------|-------------|----------------|
| H                    | W    | D   | h                         | w    | d            |             |                |
| 1000                 | 1000 | 300 | 970                       | 950  | 282          | 1*          | ADR1001030     |
| 1000                 | 1000 | 300 | 970                       | 950  | 282          | 1*          | ADR1001030-316 |
| 1000                 | 1200 | 300 | 970                       | 1150 | 282          | 1*          | ADR1001230     |
| 1000                 | 1200 | 300 | 970                       | 1150 | 282          | 1*          | ADR1001230-316 |
| 1200                 | 1200 | 400 | 1170                      | 1150 | 382          | 1*          | ADR1201240     |
| 1200                 | 1200 | 400 | 1170                      | 1150 | 382          | 1*          | ADR1201240-316 |

\* 3 point espagnolette locking.

# Dimensional drawing | ADR



|                |      |      |     |  |  |  |  |  |  |
|----------------|------|------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Enclosure      |      |      |     | Mounting                                                                          |                                                                                   |                                                                                   | Fixing                                                                             |                                                                                     | Protection                                                                          |
|                | H    | W    | D   | Steel mounting plate                                                              | Depth adjustment kit                                                              | Depth interior profile                                                            | Wall mounting brackets                                                             | Plinth                                                                              | Rainhood                                                                            |
| ADR1001030     | 1000 | 1000 | 300 | AMP10100                                                                          | AMG300                                                                            | DIP300                                                                            | AWS41-304                                                                          | MSVS1103                                                                            | ASST103                                                                             |
| ADR1001030-316 | 1000 | 1000 | 300 | AMP10100                                                                          | AMG300                                                                            | DIP300                                                                            | AWS41-316                                                                          | MSVS1103-316                                                                        | ASST103-316                                                                         |
| ADR1001230     | 1000 | 1200 | 300 | AMP10120                                                                          | AMG300                                                                            | DIP300                                                                            | AWS41-304                                                                          | MSVS1123                                                                            | ASST123                                                                             |
| ADR1001230-316 | 1000 | 1200 | 300 | AMP10120                                                                          | AMG300                                                                            | DIP300                                                                            | AWS41-316                                                                          | MSVS1123-316                                                                        | ASST123-316                                                                         |
| ADR1201240     | 1200 | 1200 | 400 | AMP12120                                                                          | AMG400                                                                            | DIP400                                                                            | AWS41-304                                                                          | MSVS1124                                                                            | ASST124                                                                             |
| ADR1201240-316 | 1200 | 1200 | 400 | AMP12120                                                                          | AMG400                                                                            | DIP400                                                                            | AWS41-316                                                                          | MSVS1124-316                                                                        | ASST124-316                                                                         |

|                |      |      |     |  |  |  |  |  |  |
|----------------|------|------|-----|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Enclosure      |      |      |     | Doors                                                                              |                                                                                    |                                                                                    |                                                                                     |                                                                                      |                                                                                      |
|                | H    | W    | D   | Padlocking                                                                         | 180° hinges                                                                        | Door stop                                                                          | Door switch                                                                         | Door mounting profiles                                                               | Door horizontal profiles                                                             |
| ADR1001030     | 1000 | 1000 | 300 | PLC01                                                                              | 2x MMHS03                                                                          | ADO202S                                                                            | ADSW01                                                                              | MMDP100                                                                              | DHP050                                                                               |
| ADR1001030-316 | 1000 | 1000 | 300 | PLC01                                                                              | 2x MMHS03                                                                          | ADO202S                                                                            | ADSW01                                                                              | MMDP100                                                                              | DHP050                                                                               |
| ADR1001230     | 1000 | 1200 | 300 | PLC01                                                                              | 2x MMHS03                                                                          | ADO202S                                                                            | ADSW01                                                                              | MMDP100                                                                              | DHP060                                                                               |
| ADR1001230-316 | 1000 | 1200 | 300 | PLC01                                                                              | 2x MMHS03                                                                          | ADO202S                                                                            | ADSW01                                                                              | MMDP100                                                                              | DHP060                                                                               |
| ADR1201240     | 1200 | 1200 | 400 | PLC01                                                                              | 2x MMHS03                                                                          | ADO202S                                                                            | ADSW01                                                                              | MMDP120                                                                              | DHP060                                                                               |
| ADR1201240-316 | 1200 | 1200 | 400 | PLC01                                                                              | 2x MMHS03                                                                          | ADO202S                                                                            | ADSW01                                                                              | MMDP120                                                                              | DHP060                                                                               |



# Wall Mounted Enclosures

## Steel Range | Stainless Steel

### Single door | AFS

IP 66 | TYPE 4X, 12, 13 | IK 10



**Material:**

AISI 304L / AISI 316L pre-grained stainless steel. Body: 1.5 mm. Door: 1.5 mm / 2 mm for enclosures with a height of 1000 mm or greater. Mounting plate: 2 mm galvanized steel.

**Body:**

The top of the body has an integral sloping roof at an angle of between 8 and 20 degrees, sloping towards the front, giving a 10 mm overhang, to move any liquids away from the door. Folded and seam welded.

**Door:**

Corner formed in one piece. Surface mounted with 130° opening. Concealed AISI 304 stainless steel hinges with captive pin. Can be mounted to give left or right hand opening (Machining is required). For AISI 316L, sealing is ensured by an injected one piece silicone gasket.

**Lock:**

Zamak double-bit 3 mm lock, with 90° movement. Stainless steel lock and other locks available on request.

**Mounting plate:**

The mounting plate is marked vertically at 10 mm intervals, for easy horizontal positioning of equipment. On the top and bottom there are holes to facilitate cable fixing. Fixed onto M8 press welded studs to the rear of the enclosure. All sides, from 800 mm and above, are strengthened by folded edges.

**Cable access:**

No gland openings as standard.

**Protection:**

Corresponds with IP 66 | TYPE 4X, 12, 13 | IK 10.

**Finish:**

400 pre-grained stainless steel.

**Delivery:**

Enclosure with door, mounting plate, metallic key and mounting accessories.

**Additional information:**

In environments known for quick temperature changes, consideration to condensation should be taken. Please see the thermal management section.

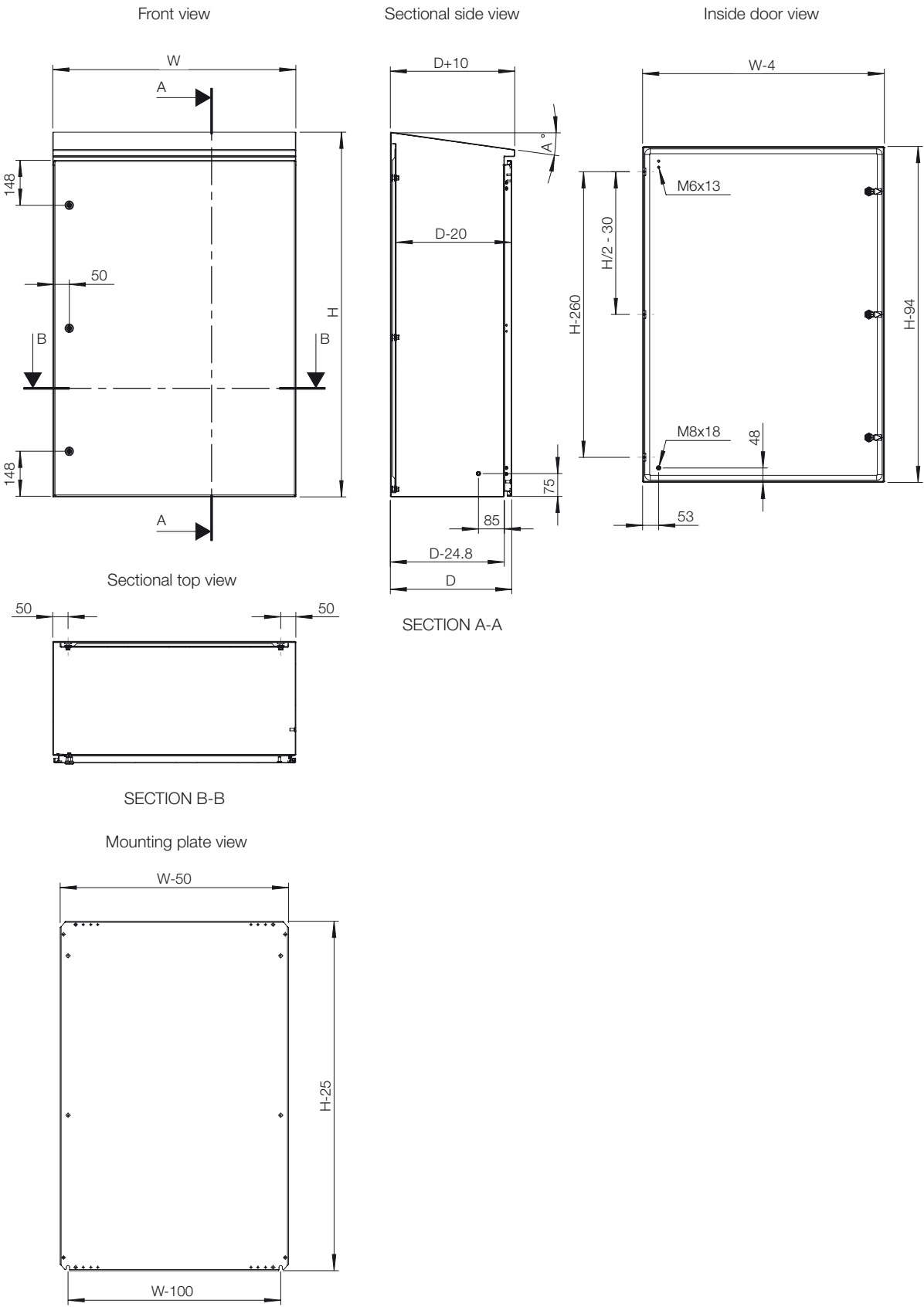


## Dimensional table | AFS

### IP 66 | TYPE 4X, 12, 13 | IK 10

With mounting plate

| Enclosure dimensions |     |     | Mounting plate dimensions |     | Usable depth |                 |             |              |
|----------------------|-----|-----|---------------------------|-----|--------------|-----------------|-------------|--------------|
| H                    | W   | D   | h                         | w   | d            | Degree of slope | N° of locks | Item no.     |
| 300                  | 200 | 155 | 275                       | 150 | 135          | 20°             | 1           | AFS03021     |
| 300                  | 200 | 155 | 275                       | 150 | 135          | 20°             | 1           | AFS03021-316 |
| 400                  | 300 | 155 | 375                       | 250 | 135          | 20°             | 1           | AFS04031     |
| 400                  | 300 | 155 | 375                       | 250 | 135          | 20°             | 1           | AFS04031-316 |
| 400                  | 400 | 210 | 375                       | 350 | 190          | 15°             | 1           | AFS04042     |
| 400                  | 400 | 210 | 375                       | 350 | 190          | 15°             | 1           | AFS04042-316 |
| 400                  | 600 | 210 | 375                       | 550 | 190          | 15°             | 1           | AFS04062     |
| 400                  | 600 | 210 | 375                       | 550 | 190          | 15°             | 1           | AFS04062-316 |
| 500                  | 500 | 210 | 475                       | 450 | 190          | 15°             | 1           | AFS05052     |
| 500                  | 500 | 210 | 475                       | 450 | 190          | 15°             | 1           | AFS05052-316 |
| 600                  | 400 | 210 | 575                       | 350 | 190          | 15°             | 2           | AFS06042     |
| 600                  | 400 | 210 | 575                       | 350 | 190          | 15°             | 2           | AFS06042-316 |
| 600                  | 600 | 210 | 575                       | 550 | 190          | 15°             | 2           | AFS06062     |
| 600                  | 600 | 210 | 575                       | 550 | 190          | 15°             | 2           | AFS06062-316 |
| 600                  | 600 | 300 | 575                       | 550 | 280          | 11°             | 2           | AFS06063     |
| 600                  | 600 | 300 | 575                       | 550 | 280          | 11°             | 2           | AFS06063-316 |
| 600                  | 800 | 300 | 550                       | 750 | 280          | 11°             | 2           | AFS06083     |
| 600                  | 800 | 300 | 550                       | 750 | 280          | 11°             | 2           | AFS06083-316 |
| 800                  | 600 | 210 | 750                       | 550 | 190          | 15°             | 2           | AFS08062     |
| 800                  | 600 | 210 | 750                       | 550 | 190          | 15°             | 2           | AFS08062-316 |
| 800                  | 600 | 300 | 750                       | 550 | 280          | 11°             | 2           | AFS08063     |
| 800                  | 600 | 300 | 750                       | 550 | 280          | 11°             | 2           | AFS08063-316 |
| 800                  | 800 | 210 | 750                       | 750 | 190          | 15°             | 2           | AFS08082     |
| 800                  | 800 | 210 | 750                       | 750 | 190          | 15°             | 2           | AFS08082-316 |
| 800                  | 800 | 300 | 750                       | 750 | 280          | 11°             | 2           | AFS08083     |
| 800                  | 800 | 300 | 750                       | 750 | 280          | 11°             | 2           | AFS08083-316 |
| 1000                 | 800 | 300 | 950                       | 750 | 280          | 11°             | 3           | AFS10083     |
| 1000                 | 800 | 300 | 950                       | 750 | 280          | 15°             | 3           | AFS10083-316 |
| 1200                 | 600 | 300 | 1150                      | 550 | 280          | 11°             | 3           | AFS12063     |
| 1200                 | 600 | 300 | 1150                      | 750 | 280          | 11°             | 3           | AFS12063-316 |
| 1200                 | 800 | 300 | 1150                      | 750 | 280          | 11°             | 3           | AFS12083     |
| 1200                 | 800 | 300 | 1150                      | 750 | 280          | 11°             | 3           | AFS12083-316 |
| 1200                 | 800 | 400 | 1150                      | 750 | 380          | 8°              | 3           | AFS12084     |
| 1200                 | 800 | 400 | 1150                      | 750 | 380          | 8°              | 3           | AFS12084-316 |
| 1400                 | 800 | 400 | 1350                      | 750 | 380          | 8°              | 3           | AFS14084     |
| 1400                 | 800 | 400 | 1350                      | 750 | 380          | 8°              | 3           | AFS14084-316 |



## Accessories selection matrix | AFS

|              |      |     |     |  |  |  |  |
|--------------|------|-----|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Enclosure    |      |     |     | Mounting                                                                          | Fixing                                                                            |                                                                                    |                                                                                     |
|              | H    | W   | D   | Depth interior profile                                                            | Plinth                                                                            | Pole fixation                                                                      | Wall mounting brackets                                                              |
| AFS03021     | 300  | 200 | 155 | -                                                                                 | -                                                                                 | -                                                                                  | AWS41-304                                                                           |
| AFS03021-316 | 300  | 200 | 155 | -                                                                                 | -                                                                                 | -                                                                                  | AWS41-316                                                                           |
| AFS04031     | 400  | 300 | 155 | -                                                                                 | -                                                                                 | EPF0300                                                                            | AWS41-304                                                                           |
| AFS04031-316 | 400  | 300 | 155 | -                                                                                 | -                                                                                 | EPF0300                                                                            | AWS41-316                                                                           |
| AFS04042     | 400  | 400 | 210 | DIP210                                                                            | -                                                                                 | EPF0400                                                                            | AWS41-304                                                                           |
| AFS04042-316 | 400  | 400 | 210 | DIP210                                                                            | -                                                                                 | EPF0400                                                                            | AWS41-316                                                                           |
| AFS04062     | 400  | 600 | 210 | DIP210                                                                            | -                                                                                 | EPF0600                                                                            | AWS41-304                                                                           |
| AFS04062-316 | 400  | 600 | 210 | DIP210                                                                            | -                                                                                 | EPF0600                                                                            | AWS41-316                                                                           |
| AFS05052     | 500  | 500 | 210 | DIP210                                                                            | -                                                                                 | EPF0500                                                                            | AWS41-304                                                                           |
| AFS05052-316 | 500  | 500 | 210 | DIP210                                                                            | -                                                                                 | EPF0500                                                                            | AWS41-316                                                                           |
| AFS06042     | 600  | 400 | 210 | DIP210                                                                            | -                                                                                 | EPF0400                                                                            | AWS41-304                                                                           |
| AFS06042-316 | 600  | 400 | 210 | DIP210                                                                            | -                                                                                 | EPF0400                                                                            | AWS41-316                                                                           |
| AFS06062     | 600  | 600 | 210 | DIP210                                                                            | -                                                                                 | EPF0600                                                                            | AWS41-304                                                                           |
| AFS06062-316 | 600  | 600 | 210 | DIP210                                                                            | -                                                                                 | EPF0600                                                                            | AWS41-316                                                                           |
| AFS06063     | 600  | 600 | 300 | DIP300                                                                            | MSVS1063                                                                          | EPF0600                                                                            | AWS41-304                                                                           |
| AFS06063-316 | 600  | 600 | 300 | DIP300                                                                            | MSVS1063-316                                                                      | EPF0600                                                                            | AWS41-316                                                                           |
| AFS06083     | 600  | 800 | 300 | DIP300                                                                            | MSVS1083                                                                          | EPF0800                                                                            | AWS41-304                                                                           |
| AFS06083-316 | 600  | 800 | 300 | DIP300                                                                            | MSVS1083-316                                                                      | EPF0800                                                                            | AWS41-316                                                                           |
| AFS08062     | 800  | 600 | 210 | DIP210                                                                            | -                                                                                 | EPF0600                                                                            | AWS41-304                                                                           |
| AFS08062-316 | 800  | 600 | 210 | DIP210                                                                            | -                                                                                 | EPF0600                                                                            | AWS41-316                                                                           |
| AFS08063     | 800  | 600 | 300 | DIP300                                                                            | MSVS1063                                                                          | EPF0600                                                                            | AWS41-304                                                                           |
| AFS08063-316 | 800  | 600 | 300 | DIP300                                                                            | MSVS1063-316                                                                      | EPF0600                                                                            | AWS41-316                                                                           |
| AFS08082     | 800  | 800 | 210 | DIP210                                                                            | -                                                                                 | EPF0800                                                                            | AWS41-304                                                                           |
| AFS08082-316 | 800  | 800 | 210 | DIP210                                                                            | -                                                                                 | EPF0800                                                                            | AWS41-316                                                                           |
| AFS08083     | 800  | 800 | 300 | DIP300                                                                            | MSVS1083                                                                          | EPF0800                                                                            | AWS41-304                                                                           |
| AFS08083-316 | 800  | 800 | 300 | DIP300                                                                            | MSVS1083-316                                                                      | EPF0800                                                                            | AWS41-316                                                                           |
| AFS10083     | 1000 | 800 | 300 | DIP300                                                                            | MSVS1083                                                                          | EPF0800                                                                            | AWS41-304                                                                           |
| AFS10083-316 | 1000 | 800 | 300 | DIP300                                                                            | MSVS1083-316                                                                      | EPF0800                                                                            | AWS41-316                                                                           |
| AFS12063     | 1200 | 600 | 300 | DIP300                                                                            | MSVS1063                                                                          | EPF0600                                                                            | AWS41-304                                                                           |
| AFS12063-316 | 1200 | 600 | 300 | DIP300                                                                            | MSVS1063-316                                                                      | EPF0600                                                                            | AWS41-316                                                                           |
| AFS12083     | 1200 | 800 | 300 | DIP300                                                                            | MSVS1083                                                                          | EPF0800                                                                            | AWS41-304                                                                           |
| AFS12083-316 | 1200 | 800 | 300 | DIP300                                                                            | MSVS1083-316                                                                      | EPF0800                                                                            | AWS41-316                                                                           |
| AFS12084     | 1200 | 800 | 400 | DIP400                                                                            | MSVS1084                                                                          | EPF0800                                                                            | AWS41-304                                                                           |
| AFS12084-316 | 1200 | 800 | 400 | DIP400                                                                            | MSVS1084-316                                                                      | EPF0800                                                                            | AWS41-316                                                                           |
| AFS14084     | 1400 | 800 | 400 | DIP400                                                                            | MSVS1084                                                                          | EPF0800                                                                            | AWS41-304                                                                           |
| AFS14084-316 | 1400 | 800 | 400 | DIP400                                                                            | MSVS1084-316                                                                      | EPF0800                                                                            | AWS41-316                                                                           |



| Enclosure    | Doors |     |     |             |           |             |            |
|--------------|-------|-----|-----|-------------|-----------|-------------|------------|
|              | H     | W   | D   | 180° hinges | Door stop | Door switch | Padlocking |
| AFS03021     | 300   | 200 | 155 | MMHS02      | -         | ADSW01      | PLC01      |
| AFS03021-316 | 300   | 200 | 155 | MMHS02      | -         | ADSW01      | PLC01      |
| AFS04031     | 400   | 300 | 155 | MMHS02      | ADO202S   | ADSW01      | PLC01      |
| AFS04031-316 | 400   | 300 | 155 | MMHS02      | ADO202S   | ADSW01      | PLC01      |
| AFS04042     | 400   | 400 | 210 | MMHS02      | ADO202S   | ADSW01      | PLC01      |
| AFS04042-316 | 400   | 400 | 210 | MMHS02      | ADO202S   | ADSW01      | PLC01      |
| AFS04062     | 400   | 600 | 210 | MMHS02      | ADO202S   | ADSW01      | PLC01      |
| AFS04062-316 | 400   | 600 | 210 | MMHS02      | ADO202S   | ADSW01      | PLC01      |
| AFS05052     | 500   | 500 | 210 | MMHS02      | ADO202S   | ADSW01      | PLC01      |
| AFS05052-316 | 500   | 500 | 210 | MMHS02      | ADO202S   | ADSW01      | PLC01      |
| AFS06042     | 600   | 400 | 210 | MMHS02      | ADO202S   | ADSW01      | PLC01      |
| AFS06042-316 | 600   | 400 | 210 | MMHS02      | ADO202S   | ADSW01      | PLC01      |
| AFS06062     | 600   | 600 | 210 | MMHS02      | ADO202S   | ADSW01      | PLC01      |
| AFS06062-316 | 600   | 600 | 210 | MMHS02      | ADO202S   | ADSW01      | PLC01      |
| AFS06063     | 600   | 600 | 300 | MMHS02      | ADO202S   | ADSW01      | PLC01      |
| AFS06063-316 | 600   | 600 | 300 | MMHS02      | ADO202S   | ADSW01      | PLC01      |
| AFS06083     | 600   | 800 | 300 | MMHS02      | ADO202S   | ADSW01      | PLC01      |
| AFS06083-316 | 600   | 800 | 300 | MMHS02      | ADO202S   | ADSW01      | PLC01      |
| AFS08062     | 800   | 600 | 210 | MMHS02      | ADO202S   | ADSW01      | PLC01      |
| AFS08062-316 | 800   | 600 | 210 | MMHS02      | ADO202S   | ADSW01      | PLC01      |
| AFS08063     | 800   | 600 | 300 | MMHS02      | ADO202S   | ADSW01      | PLC01      |
| AFS08063-316 | 800   | 600 | 300 | MMHS02      | ADO202S   | ADSW01      | PLC01      |
| AFS08082     | 800   | 800 | 210 | MMHS02      | ADO202S   | ADSW01      | PLC01      |
| AFS08082-316 | 800   | 800 | 210 | MMHS02      | ADO202S   | ADSW01      | PLC01      |
| AFS08083     | 800   | 800 | 300 | MMHS02      | ADO202S   | ADSW01      | PLC01      |
| AFS08083-316 | 800   | 800 | 300 | MMHS02      | ADO202S   | ADSW01      | PLC01      |
| AFS10083     | 1000  | 800 | 300 | MMHS03      | ADO202S   | ADSW01      | PLC01      |
| AFS10083-316 | 1000  | 800 | 300 | MMHS03      | ADO202S   | ADSW01      | PLC01      |
| AFS12063     | 1200  | 600 | 300 | MMHS03      | ADO202S   | ADSW01      | PLC01      |
| AFS12063-316 | 1200  | 600 | 300 | MMHS03      | ADO202S   | ADSW01      | PLC01      |
| AFS12083     | 1200  | 800 | 300 | MMHS03      | ADO202S   | ADSW01      | PLC01      |
| AFS12083-316 | 1200  | 800 | 300 | MMHS03      | ADO202S   | ADSW01      | PLC01      |
| AFS12084     | 1200  | 800 | 400 | MMHS03      | ADO202S   | ADSW01      | PLC01      |
| AFS12084-316 | 1200  | 800 | 400 | MMHS03      | ADO202S   | ADSW01      | PLC01      |
| AFS14084     | 1400  | 800 | 400 | MMHS03      | ADO202S   | ADSW01      | PLC01      |
| AFS14084-316 | 1400  | 800 | 400 | MMHS03      | ADO202S   | ADSW01      | PLC01      |









# 02

## Wall Mounted Enclosures

### Steel dedicated accessories

|                                           |     |
|-------------------------------------------|-----|
| Mounting plates .....                     | 302 |
| Modular system .....                      | 308 |
| Fixation .....                            | 313 |
| Doors .....                               | 317 |
| Locking.....                              | 328 |
| Baying & Lifting .....                    | 331 |
| Gland plates, Ventilation & Cabling ..... | 332 |
| Earthing .....                            | 338 |
| Protection.....                           | 340 |

# Wall Mounted Enclosures

## Steel Range

### Accessories

## Mounting plates, AMP

**Description:** Steel mounting plate for wall mounted enclosures. All sizes from 800 mm and above are strengthened by folded edges. By using the AMG accessory, the mounting plate position can be adjusted to any depth. This accessory is not suitable for the AFS range of enclosures, please refer to the replacement and spare parts catalogue.

**Material:** Galvanized steel.

**Pack quantity:** 1 piece.

| For enclosure |      | Mounting plate dimensions |      | Item no. |
|---------------|------|---------------------------|------|----------|
| H             | W    | h                         | w    |          |
| 200           | 200  | 170                       | 150  | AMP02020 |
| 250           | 200  | 220                       | 150  | AMP02520 |
| 250           | 250  | 220                       | 200  | AMP02525 |
| 300           | 250  | 270                       | 200  | AMP03025 |
| 300           | 300  | 270                       | 250  | AMP03030 |
| 300           | 600  | 270                       | 550  | AMP03060 |
| 300           | 800  | 270                       | 750  | AMP03080 |
| 300           | 1000 | 270                       | 950  | AMP03100 |
| 300           | 1200 | 270                       | 1150 | AMP03120 |
| 350           | 250  | 320                       | 200  | AMP03525 |
| 400           | 300  | 370                       | 250  | AMP04030 |
| 400           | 400  | 370                       | 350  | AMP04040 |
| 400           | 500  | 370                       | 450  | AMP04050 |
| 400           | 600  | 370                       | 550  | AMP04060 |
| 500           | 300  | 470                       | 250  | AMP05030 |
| 500           | 400  | 470                       | 350  | AMP05040 |
| 500           | 500  | 470                       | 450  | AMP05050 |
| 600           | 400  | 570                       | 350  | AMP06040 |
| 600           | 500  | 570                       | 450  | AMP06050 |
| 600           | 600  | 570                       | 550  | AMP06060 |
| 600           | 800  | 570                       | 750  | AMP06080 |
| 700           | 500  | 670                       | 450  | AMP07050 |
| 800           | 400  | 770                       | 350  | AMP08040 |
| 800           | 600  | 770                       | 550  | AMP08060 |
| 800           | 800  | 770                       | 750  | AMP08080 |
| 800           | 1200 | 770                       | 1150 | AMP08120 |
| 1000          | 600  | 970                       | 550  | AMP10060 |
| 1000          | 800  | 970                       | 750  | AMP10080 |
| 1000          | 1000 | 970                       | 950  | AMP10100 |
| 1000          | 1200 | 970                       | 950  | AMP10120 |
| 1200          | 600  | 1170                      | 550  | AMP12060 |
| 1200          | 800  | 1170                      | 750  | AMP12080 |
| 1200          | 1000 | 1170                      | 950  | AMP12100 |
| 1200          | 1200 | 1170                      | 1150 | AMP12120 |
| 1400          | 1000 | 1370                      | 950  | AMP14100 |

Not suitable for AFS.



## Insulated mounting plates, AMI

**Description:**

Insulated mounting plate for wall mounted enclosures. By using the AMG accessory, the mounting plate position can be adjusted to any depth. This accessory is not suitable for the AFS range of enclosures, please refer to the replacement and spare parts catalogue.

**Material:**

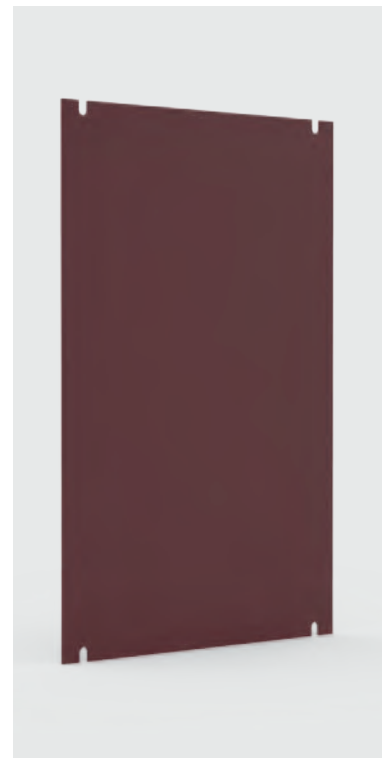
Bakelite.

**Pack quantity:**

1 piece.

| For enclosure |     | Mounting plate dimensions |     | Item no. |
|---------------|-----|---------------------------|-----|----------|
| H             | W   | h                         | w   |          |
| 200           | 200 | 170                       | 150 | AMI02020 |
| 250           | 200 | 220                       | 150 | AMI02520 |
| 250           | 250 | 220                       | 200 | AMI02525 |
| 300           | 250 | 270                       | 200 | AMI03025 |
| 300           | 300 | 270                       | 250 | AMI03030 |
| 350           | 250 | 320                       | 200 | AMI03525 |
| 400           | 300 | 370                       | 250 | AMI04030 |
| 400           | 400 | 370                       | 350 | AMI04040 |
| 400           | 500 | 370                       | 450 | AMI04050 |
| 400           | 600 | 370                       | 550 | AMI04060 |
| 500           | 300 | 470                       | 250 | AMI05030 |
| 500           | 400 | 470                       | 350 | AMI05040 |
| 500           | 500 | 470                       | 450 | AMI05050 |
| 600           | 400 | 570                       | 350 | AMI06040 |
| 600           | 500 | 570                       | 450 | AMI06050 |
| 600           | 600 | 570                       | 550 | AMI06060 |
| 600           | 800 | 570                       | 750 | AMI06080 |
| 700           | 500 | 670                       | 450 | AMI07050 |
| 800           | 400 | 770                       | 350 | AMI08040 |
| 800           | 600 | 770                       | 550 | AMI08060 |
| 800           | 800 | 770                       | 750 | AMI08080 |
| 1000          | 600 | 970                       | 550 | AMI10060 |
| 1000          | 800 | 970                       | 750 | AMI10080 |
| 1200          | 600 | 1170                      | 550 | AMI12060 |
| 1200          | 800 | 1170                      | 750 | AMI12080 |

Not suitable for AFS.



# Wall Mounted Enclosures

## Steel Range

### Accessories

## Telequick mounting plate, AMT

**Description:** Steel mounting plate simplifies installation and equipment mounting. Rectangular holes 28 x 11 mm to obtain required fixing positions with snap nuts. The nuts can be moved around within the rectangular hole. By using the AMG accessory, the mounting plate position can be adjusted to any depth. This accessory is not suitable for the AFS range of enclosures, please refer to the replacement and spare parts catalogue.

**Material:** Galvanized steel.

**Pack quantity:** 1 piece.

| For enclosure |     | Mounting plate dimensions |     | Item no. |
|---------------|-----|---------------------------|-----|----------|
| H             | W   | h                         | w   |          |
| 400           | 300 | 370                       | 250 | AMT04030 |
| 400           | 400 | 370                       | 350 | AMT04040 |
| 400           | 500 | 370                       | 450 | AMT04050 |
| 400           | 600 | 370                       | 550 | AMT04060 |
| 500           | 300 | 470                       | 250 | AMT05030 |
| 500           | 400 | 470                       | 350 | AMT05040 |
| 500           | 500 | 470                       | 450 | AMT05050 |
| 600           | 400 | 570                       | 350 | AMT06040 |
| 600           | 500 | 570                       | 450 | AMT06050 |
| 600           | 600 | 570                       | 550 | AMT06060 |
| 600           | 800 | 570                       | 750 | AMT06080 |
| 700           | 500 | 670                       | 450 | AMT07050 |
| 800           | 400 | 770                       | 350 | AMT08040 |
| 800           | 600 | 770                       | 550 | AMT08060 |
| 800           | 800 | 770                       | 750 | AMT08080 |
| 1000          | 600 | 970                       | 550 | AMT10060 |
| 1000          | 800 | 970                       | 750 | AMT10080 |
| 1200          | 600 | 1170                      | 550 | AMT12060 |
| 1200          | 800 | 1170                      | 750 | AMT12080 |

Not suitable for AFS.



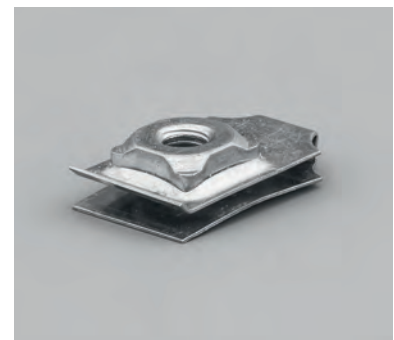
## Snap nuts for telequick plates, TN

**Description:** Nuts to be used in the telequick mounting plates.

**Pack quantity:** 50 pieces.

| Thread | Item no. |
|--------|----------|
| M 4    | TN04     |
| M 5    | TN05     |
| M 6    | TN06     |

Not suitable for AFS.



## Depth adjustment kit, AMG

**Description:** To provide depth adjustment for different accessories: mounting plate, 19" profiles and inner door. In stainless steel enclosures machining is required.

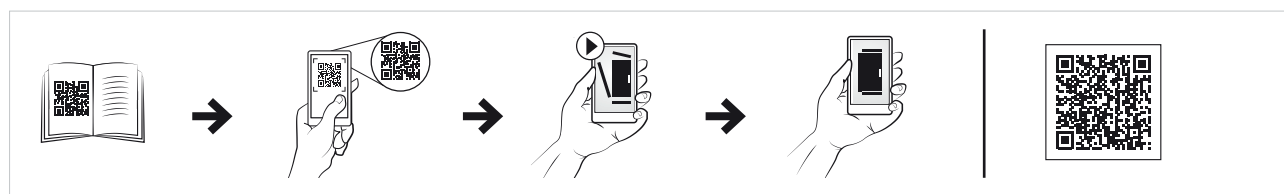
**Material:** 2 mm galvanized steel.

**Depth adjustment:** Distance to the door D-35 to 65 mm.

**Pack quantity:** 2 pairs with mounting accessories.

| For enclosure |          |
|---------------|----------|
| D             | Item no. |
| 155           | AMG155   |
| 210           | AMG210   |
| 260           | AMG260   |
| 300           | AMG300   |
| 400           | AMG400   |

Not suitable for AFS.



## Depth adjustment bolts, AMTE

**Description:** For depth adjustment of the mounting plate. Metric thread M8.

**Material:** Zinc plated steel.

| Length | Pack quantity | Item no. |
|--------|---------------|----------|
| 10     | 50            | AMTE8010 |
| 20     | 50            | AMTE8020 |
| 30     | 50            | AMTE8030 |
| 40     | 20            | AMTE8040 |
| 50     | 20            | AMTE8050 |
| 55     | 20            | AMTE8055 |
| 100    | 20            | AMTE8100 |



# Wall Mounted Enclosures

## Steel Range

### Accessories

## Depth interior profile, DIP

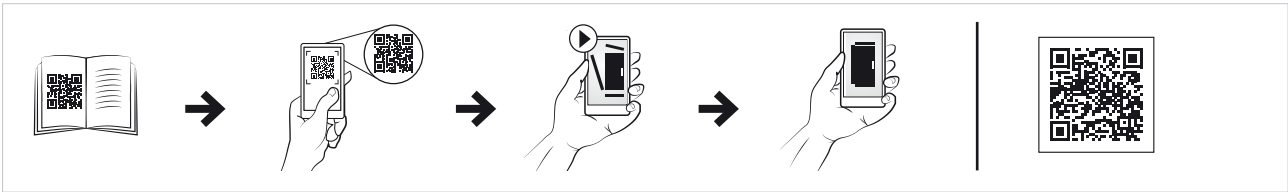
- Description:

The DIP profile system is a 40 mm wide and 25 mm high profile, which can be mounted on the enclosure depth. It can also be used in combination with CLPF and CLPK profiles. Two rows of holes patterns for cage nut fixing and self-tapping screws are provided. DIP profiles are not compatible with adjustment in depth of the mounting plate.
- Material:

Zinc plated steel.
- Pack quantity:

4 profiles including fixing accessories.

| For enclosure |              |          |
|---------------|--------------|----------|
| D             | Max. loading | Item no. |
| 210           | 150 N        | DIP210   |
| 260           | 150 N        | DIP260   |
| 300           | 150 N        | DIP300   |
| 400           | 150 N        | DIP400   |



## 19" profiles, AVP

- Description:

For 600 mm wide enclosures only. Adjustable depth with the use of the AMG accessory. Usable depth between 19" profiles and external door: 56 mm. Fitted onto the hinge holes located on the front frame of the enclosure. For stainless steel enclosures, machining is required.
- Material:

2 mm galvanized steel.
- Pack quantity:

1 pair with mounting accessories.

| For enclosure |    |          |
|---------------|----|----------|
| H             | U  | Item no. |
| 600           | 13 | AVP0600  |
| 800           | 17 | AVP0800  |
| 1000          | 21 | AVP1000  |
| 1200          | 26 | AVP1200  |

Not suitable for AFS.



## Vertical mounting profiles, AVB

**Description:** For the mounting of swing frames in full and partial height. The SFBP is mounted directly to the AVB. Equipped with 25 mm hole pattern. For other mounting purposes CNM cage nuts can be used. Fitted onto the hinge holes located on the front frame of the enclosure. For stainless steel enclosures, machining is required.

**Material:** 2 mm galvanized steel.

**Pack quantity:** 1 pair with mounting accessories.

| For enclosure |          |
|---------------|----------|
| H             | Item no. |
| 600           | AVB0600  |
| 800           | AVB0800  |
| 1000          | AVB1000  |
| 1200          | AVB1200  |
| 1400          | AVB1400  |

Not suitable for AFS.



## Partial height swing frames, SFCP

**Description:** Partial height swing frame for 19"-components allowing left or right hand opening. Can be used in wall mounted, steel enclosures, and floor standing, combinable and compact, steel enclosures. Rigid S-shaped frame profile equipped with 19" hole pattern in front and back. Zinc plated frame for direct earthing of the mounted components. Standard opening angle 125°-155°.

**Lock:** 1 double-bit 3 mm lock.

**Material:** 2 mm zinc plated steel.

**Pack quantity:** 1 swing frame with hinges.

**Mounting requirements:** Mounting in wall mounted, steel enclosures requires the SFBP transversal support in combination with the AVB. Mounting in floor standing steel combinable enclosures requires the SFBP transversal support. Adjustable in depth in combination with CLPK profiles.

| For enclosure |    |              |          |
|---------------|----|--------------|----------|
| H             | U  | Max. loading | Item no. |
| 600           | 3  | 150 N        | SFCP036  |
| 600           | 6  | 300 N        | SFCP066  |
| 600           | 10 | 500 N        | SFCP106  |
| 800           | 12 | 500 N        | SFCP126  |
| 800           | 15 | 500 N        | SFCP156  |
| 1000          | 19 | 500 N        | SFCP196  |
| 1200          | 24 | 500 N        | SFCP246  |

Not suitable for AFS.





# Wall Mounted Enclosures

## Steel Range

### Accessories

## Partial SF transversal support bars, SFBP

|                               |                                                                                                                                                                                                                                 |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | Enables partial height swing frames to be mounted in the wall mounted, steel enclosures, and floor standing, combinable, steel enclosures. The swing frames can be mounted both left and right hand opening.                    |
| <b>Material:</b>              | 3 mm zinc plated steel.                                                                                                                                                                                                         |
| <b>Pack quantity:</b>         | 1 complete kit including mounting brackets for one swing frame.                                                                                                                                                                 |
| <b>Mounting requirements:</b> | For wall mounted, steel enclosures, use in combination with the AVB profiles. For floor standing enclosures, it can be mounted directly to the enclosure frame or adjustable in depth, in steps of 25 mm, by means of the CLPK. |

| For enclosure |  |          |
|---------------|--|----------|
| W             |  | Item no. |
| 600           |  | SFBP600  |
| 800           |  | SFBP800  |

Not suitable for AFS.



## Modular chassis, AC

|                               |                                                                                                                                                                                                                                                                                                         |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | Used for easy mounting of DIN-rail components with a maximum height of 68 mm. Distance between rows 125 mm. If required, the standard enclosure door can be replaced with a glazed door. Usable depth between front cover and external door: 35 mm. In stainless steel enclosure machining is required. |
| <b>Material:</b>              | DIN-rails PP0735 made of 1.2 mm galvanized steel, vertical profiles 1.5 mm mild steel, and front cover 1.5 mm mild steel.                                                                                                                                                                               |
| <b>Finish:</b>                | RAL 7035 structured powder coating.                                                                                                                                                                                                                                                                     |
| <b>Pack quantity:</b>         | Slotted front panel, two vertical profiles, top and bottom blank panels, one DIN-rail per row, and mounting accessories.                                                                                                                                                                                |
| <b>Mounting requirements:</b> | To be assembled on MAS and ASR enclosures.                                                                                                                                                                                                                                                              |

| For enclosure |     |               |            |           |
|---------------|-----|---------------|------------|-----------|
| H             | W   | N° of modules | N° of rows | Item no.  |
| 300           | 250 | 16            | 2          | AC03025R5 |
| 400           | 300 | 33            | 3          | AC04030R5 |
| 500           | 400 | 48            | 3          | AC05040R5 |
| 600           | 400 | 64            | 4          | AC06040R5 |
| 600           | 600 | 108           | 4          | AC06060R5 |
| 700           | 500 | 110           | 5          | AC07050R5 |
| 800           | 600 | 162           | 6          | AC08060R5 |
| 1000          | 600 | 189           | 7          | AC10060R5 |
| 1000          | 800 | 266           | 7          | AC10080R5 |



## Modular system frames, MSMSM

|                               |                                                                                                                                                                                                                                                                                |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | Two single vertical profiles, which can be used both for front covers and assembly of components. A cost effective solution for panel builders, reducing assembly time, which also enables assembly outside the enclosure. Useful height for front covers is, Height – 100 mm. |
| <b>Material:</b>              | 1.5 mm steel.                                                                                                                                                                                                                                                                  |
| <b>Finish:</b>                | RAL 7035.                                                                                                                                                                                                                                                                      |
| <b>Pack quantity:</b>         | 1 kit.                                                                                                                                                                                                                                                                         |
| <b>Mounting requirements:</b> | To be assembled on MAS and ASR enclosures.                                                                                                                                                                                                                                     |

| H    | W   | Item no.  |
|------|-----|-----------|
| 600  | 600 | MSMSM0606 |
| 600  | 800 | MSMSM0608 |
| 800  | 600 | MSMSM0806 |
| 800  | 800 | MSMSM0808 |
| 1000 | 600 | MSMSM1006 |
| 1000 | 800 | MSMSM1008 |
| 1200 | 600 | MSMSM1206 |
| 1200 | 800 | MSMSM1208 |



# Wall Mounted Enclosures

## Steel Range

### Accessories

## Mounting plates, MSMPN

|                               |                                                                                            |
|-------------------------------|--------------------------------------------------------------------------------------------|
| <b>Description:</b>           | Mounting plate for installation of breakers. Suitable for left and right hand connections. |
| <b>Material:</b>              | 1.5 mm galvanized steel.                                                                   |
| <b>Pack quantity:</b>         | 1 piece with mounting material.                                                            |
| <b>Mounting requirements:</b> | To be assembled on the modular system frame with MSMPA01 or MSMPF01.                       |

### Plain

| H   | W    | h   | w   | Item no.  |
|-----|------|-----|-----|-----------|
| 50  | 600  | 496 | 470 | MSMPN0506 |
| 50  | 800  | 496 | 670 | MSMPN0508 |
| 100 | 600  | 96  | 470 | MSMPN1006 |
| 100 | 800  | 96  | 670 | MSMPN1008 |
| 150 | 600  | 146 | 470 | MSMPN1506 |
| 150 | 800  | 146 | 670 | MSMPN1508 |
| 200 | 600  | 196 | 470 | MSMPN2006 |
| 200 | 800  | 196 | 670 | MSMPN2008 |
| 250 | 600  | 246 | 470 | MSMPN2506 |
| 250 | 800  | 246 | 670 | MSMPN2508 |
| 300 | 600  | 296 | 470 | MSMPN3006 |
| 300 | 800  | 296 | 670 | MSMPN3008 |
| 400 | 600  | 396 | 470 | MSMPN4006 |
| 400 | 800  | 396 | 670 | MSMPN4008 |
| 450 | 600  | 446 | 470 | MSMPN4506 |
| 450 | 800  | 446 | 670 | MSMPN4508 |
| 500 | 600  | 496 | 470 | MSMPN5006 |
| 500 | 800  | 496 | 670 | MSMPN5008 |
| 600 | 600  | 596 | 470 | MSMPN6006 |
| 600 | 800  | 596 | 670 | MSMPN6008 |
| 600 | 1000 | 596 | 870 | MSMPN6010 |

### Horizontal opening

| H   | W   | h  | w   | Item no.   |
|-----|-----|----|-----|------------|
| 100 | 600 | 96 | 470 | MSMPN1006H |
| 100 | 800 | 96 | 670 | MSMPN1008H |

### Vertical opening

| H   | W   | h   | w   | Item no.   |
|-----|-----|-----|-----|------------|
| 150 | 600 | 146 | 470 | MSMPN1506V |
| 150 | 800 | 146 | 670 | MSMPN1508V |
| 200 | 600 | 196 | 470 | MSMPN2006V |
| 200 | 800 | 196 | 670 | MSMPN2008V |
| 250 | 600 | 246 | 470 | MSMPN2506V |
| 250 | 800 | 246 | 670 | MSMPN2508V |
| 300 | 600 | 296 | 470 | MSMPN3006V |
| 300 | 800 | 296 | 670 | MSMPN3008V |
| 400 | 600 | 396 | 470 | MSMPN4006V |
| 400 | 800 | 396 | 670 | MSMPN4008V |
| 450 | 600 | 446 | 470 | MSMPN4506V |
| 450 | 800 | 446 | 670 | MSMPN4508V |
| 600 | 600 | 596 | 470 | MSMPN6006V |
| 600 | 800 | 596 | 670 | MSMPN6008V |



## DIN rails, MSDR

|                               |                                                                                                                             |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | Cut to size DIN rail ready to be installed. The simplified panel design makes procurement easier and reduces assembly time. |
| <b>Material:</b>              | Galvanized steel.                                                                                                           |
| <b>Pack quantity:</b>         | 5 pieces.                                                                                                                   |
| <b>Mounting requirements:</b> | To be used with modular system.                                                                                             |

| W   | Item no. |
|-----|----------|
| 600 | MSDR0600 |
| 800 | MSDR0800 |



## Fixed brackets, MSMPF01

|                               |                                                                                                                                                       |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | A bracket to mount a DIN-rail to allow for mounting of modular components in the modular system profiles. Cost effective solution for panel builders. |
| <b>Material:</b>              | 2.5 mm galvanized steel.                                                                                                                              |
| <b>Pack quantity:</b>         | 2 pairs.                                                                                                                                              |
| <b>Mounting requirements:</b> | To be assembled on the modular system frame.                                                                                                          |

| Item no. |
|----------|
| MSMPF01  |



## Adjustable brackets, MSMPA01

|                               |                                                                                                                                                              |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | A bracket to mount a DIN-rail or mounting plate which is adjustable in depth to allow for mounting of components in different sizes in the desired position. |
| <b>Material:</b>              | 2.5 mm galvanized steel, zamak.                                                                                                                              |
| <b>Pack quantity:</b>         | 2 pairs.                                                                                                                                                     |
| <b>Mounting requirements:</b> | To be assembled on the modular system frame.                                                                                                                 |

| Item no. |
|----------|
| MSMPA01  |



# Wall Mounted Enclosures

## Steel Range

## Accessories

### Slotted front panels, MSMCP

|                               |                                                                                                                                                                   |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | Slotted front panel for modular assemblies. Provided with one DIN rail per row for modular components. It has a top and bottom bending to provide extra rigidity. |
| <b>Material:</b>              | 1.25 mm steel.                                                                                                                                                    |
| <b>Finish:</b>                | RAL 7035 structured powder coating.                                                                                                                               |
| <b>Delivery:</b>              | 1 piece with mounting material.                                                                                                                                   |
| <b>Mounting requirements:</b> | To be assembled on the modular system frame.                                                                                                                      |

| H   | W   | N° of rows | DIN modules | Item no.      |
|-----|-----|------------|-------------|---------------|
| 150 | 600 | 1          | 25          | MSMCP1506R5   |
| 150 | 800 | 1          | 38          | MSMCP1508R5   |
| 200 | 600 | 1          | 25          | MSMCP2006R5   |
| 200 | 800 | 1          | 38          | MSMCP2008R5   |
| 300 | 600 | 1          | 25          | MSMCP3006-1R5 |
| 300 | 800 | 1          | 38          | MSMCP3008-1R5 |
| 300 | 600 | 2          | 50          | MSMCP3006-2R5 |
| 300 | 800 | 2          | 76          | MSMCP3008-2R5 |
| 450 | 600 | 3          | 75          | MSMCP4506R5   |
| 450 | 800 | 3          | 114         | MSMCP4508R5   |
| 600 | 600 | 4          | 100         | MSMCP6006R5   |
| 600 | 800 | 4          | 152         | MSMCP6008R5   |



### Plain front panels, MSMBP

|                               |                                                                                                      |
|-------------------------------|------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | Plain front panel for modular assemblies. It has a top and bottom bending to provide extra rigidity. |
| <b>Material:</b>              | 1.25 mm steel.                                                                                       |
| <b>Finish:</b>                | RAL 7035 structured powder coating.                                                                  |
| <b>Delivery:</b>              | 1 piece with mounting material.                                                                      |
| <b>Mounting requirements:</b> | To be assembled on the modular system frame.                                                         |

| H   | W   | h   | w   | Item no.    |
|-----|-----|-----|-----|-------------|
| 50  | 600 | 49  | 503 | MSMBP0506R5 |
| 50  | 800 | 49  | 703 | MSMBP0508R5 |
| 100 | 600 | 99  | 503 | MSMBP1006R5 |
| 100 | 800 | 99  | 703 | MSMBP1008R5 |
| 150 | 600 | 149 | 503 | MSMBP1506R5 |
| 150 | 800 | 149 | 703 | MSMBP1508R5 |
| 200 | 600 | 199 | 503 | MSMBP2006R5 |
| 200 | 800 | 199 | 703 | MSMBP2008R5 |
| 250 | 600 | 249 | 503 | MSMBP2506R5 |
| 250 | 800 | 249 | 703 | MSMBP2508R5 |
| 300 | 600 | 299 | 503 | MSMBP3006R5 |
| 300 | 800 | 299 | 703 | MSMBP3008R5 |
| 400 | 600 | 399 | 503 | MSMBP4006R5 |
| 400 | 800 | 399 | 703 | MSMBP4008R5 |
| 450 | 600 | 449 | 503 | MSMBP4506R5 |
| 450 | 800 | 449 | 703 | MSMBP4508R5 |
| 500 | 600 | 499 | 503 | MSMBP5006R5 |
| 500 | 800 | 499 | 703 | MSMBP5008R5 |
| 600 | 600 | 599 | 503 | MSMBP6006R5 |
| 600 | 800 | 599 | 703 | MSMBP6008R5 |



## Blanking plates for DIN slots, TB13G

|                       |                                                                                              |
|-----------------------|----------------------------------------------------------------------------------------------|
| <b>Description:</b>   | Blanking plate to cover the unused space in the DIN slots. Can be divided per half a module. |
| <b>Material:</b>      | Plastic.                                                                                     |
| <b>Finish:</b>        | RAL 7035.                                                                                    |
| <b>Pack quantity:</b> | 1 piece of blanking plate 13 mod. Overall length 234 mm.                                     |

| Item no. |
|----------|
| TB13G    |



## Wall mounting brackets, AW

|                       |                                                                                                     |
|-----------------------|-----------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | Mounting brackets for safe wall fixing. It includes the sealing washers to guarantee the IP rating. |
| <b>Material:</b>      | 3 mm zinc plated steel.                                                                             |
| <b>Pack quantity:</b> | 4 brackets with mounting accessories.                                                               |

| Item no. |
|----------|
| AW41     |



## Wall mounting brackets, AWS

|                       |                                                                                                                                               |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | Mounting brackets for safe wall fixing. It includes the sealing washers to guarantee the IP rating. In stainless steel machining is required. |
| <b>Pack quantity:</b> | 4 brackets with mounting accessories.                                                                                                         |

| Material                 | Item no.  |
|--------------------------|-----------|
| 3 mm stainless steel 304 | AWS41-304 |
| 3 mm stainless steel 316 | AWS41-316 |



# Wall Mounted Enclosures

## Steel Range

### Accessories

## Enclosure pole fixation, EPF

- Description:

Accessory to fix enclosures onto poles. Maximum load of 900 N.
- Material:

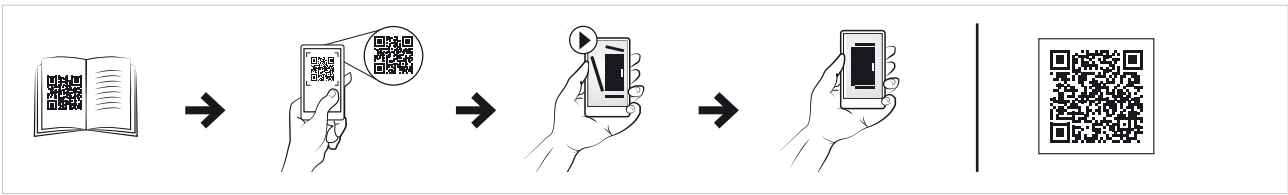
Galvanized steel.
- Minimum pole diameter:

80 mm.
- Maximum pole diameter:

250 mm.
- Pack quantity:

2 profiles, 2 circular mounting strips for pole attachment and mounting accessories.

| For Enclosure (W)            |          |
|------------------------------|----------|
| MAS, MAD, MAP, ASR, ADR, AFS | Item no. |
| 300                          | EPF0300  |
| 400                          | EPF0400  |
| 500                          | EPF0500  |
| 600                          | EPF0600  |
| 800                          | EPF0800  |





## Front/rear plinths, P

- Description:** Four corner pieces with removable front covers. The side panels PA must be ordered separately. Available heights: 100 and 200 mm. Machining is required.
- Material:** 2.5 mm mild steel for corner pieces and 1.5 mm mild steel for covers.
- Finish:** RAL 7022 structured powder coating.
- Pack quantity:** 4 corner pieces and 2 front covers, with mounting accessories.

| Plinth | For enclosure |          |
|--------|---------------|----------|
| Height | Width         | Item no. |
| 100    | 400           | P1040    |
| 100    | 500           | P1050    |
| 100    | 600           | P1060    |
| 100    | 800           | P1080    |
| 100    | 1000          | P1100    |
| 100    | 1200          | P1120    |
| 200    | 400           | P2040    |
| 200    | 500           | P2050    |
| 200    | 600           | P2060    |
| 200    | 800           | P2080    |
| 200    | 1000          | P2100    |
| 200    | 1200          | P2120    |



## Side plinths, PA

- Description:** Side covers for plinth P, strengthened by folded edges.
- Material:** 1.5 mm mild steel.
- Finish:** RAL 7022 structured powder coating.
- Pack quantity:** 2 pieces for height 100 mm and 4 pieces for height 200 mm.

| Plinth | For enclosure |          |
|--------|---------------|----------|
| Height | Depth         | Item no. |
| 100    | 260           | PA1026   |
| 100    | 300           | PA1030   |
| 100    | 400           | PA1040   |
| 200    | 260           | PA2026   |
| 200    | 300           | PA2030   |
| 200    | 400           | PA2040   |



# Wall Mounted Enclosures

## Steel Range

### Accessories

## Plinths, MSVS

|                       |                                                                                                                 |
|-----------------------|-----------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | Four U-section side pieces fixed by screws to the corner sections. Plinth height 100 mm. Machining is required. |
| <b>Material:</b>      | 2 mm AISI 304 / AISI 316L pre-grained stainless steel.                                                          |
| <b>Finish:</b>        | 400 pre-grained stainless steel.                                                                                |
| <b>Pack quantity:</b> | 1 plinth with mounting material.                                                                                |

| For enclosure |     |              |
|---------------|-----|--------------|
| W             | D   | Item no.     |
| 600           | 300 | MSVS1063     |
| 600           | 300 | MSVS1063-316 |
| 800           | 300 | MSVS1083     |
| 800           | 300 | MSVS1083-316 |
| 800           | 400 | MSVS1084     |
| 800           | 400 | MSVS1084-316 |
| 1000          | 300 | MSVS1103     |
| 1000          | 300 | MSVS1103-316 |
| 1200          | 300 | MSVS1123     |
| 1200          | 300 | MSVS1123-316 |
| 1200          | 400 | MSVS1124     |
| 1200          | 400 | MSVS1124-316 |



## Floor stands, PFF

|                       |                                                                                                                                                                                             |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | Floor stands for floor mounting to give a suitable operation height. Available for 300 and 400 mm depth enclosures with W ≥ 400mm. 300 or 450 mm high are available. Machining is required. |
| <b>Material:</b>      | 2 mm mild steel.                                                                                                                                                                            |
| <b>Finish:</b>        | RAL 7035 structured powder coating.                                                                                                                                                         |
| <b>Pack quantity:</b> | 2 pieces with mounting accessories.                                                                                                                                                         |

| Plinth | For enclosure |          |
|--------|---------------|----------|
| Height | Depth         | Item no. |
| 300    | 300           | PFF330R5 |
| 450    | 300           | PFF345R5 |
| 300    | 400           | PFF430R5 |
| 450    | 400           | PFF445R5 |

Not suitable for AFS.



## Transparent doors, ADT

|                       |                                                                                                                                                                                             |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | To replace the standard door, it provides a clear view of the components installed inside the enclosure. The lock(s) are interchangeable with all nVent HOFFMAN's standard lock(s).         |
| <b>Material:</b>      | 1.2 mm mild steel / 1.5 mm for enclosures with a height or width of 500 mm or greater / 2 mm for enclosures with a height or width of 800 mm or greater and 3 mm transparent acrylic glass. |
| <b>Finish:</b>        | RAL 7035 structured powder coating.                                                                                                                                                         |
| <b>Protection:</b>    | Complies with IP55, IK 07.                                                                                                                                                                  |
| <b>Pack quantity:</b> | 1 door.                                                                                                                                                                                     |

| For enclosure |     | Viewing area |     | N° of locks | Item no.   |
|---------------|-----|--------------|-----|-------------|------------|
| H             | W   | h            | w   |             |            |
| 300           | 250 | 159          | 93  | 1           | ADT03025R5 |
| 300           | 300 | 159          | 143 | 1           | ADT03030R5 |
| 400           | 300 | 259          | 143 | 1           | ADT04030R5 |
| 400           | 400 | 259          | 243 | 1           | ADT04040R5 |
| 500           | 300 | 359          | 143 | 1           | ADT05030R5 |
| 500           | 400 | 359          | 243 | 1           | ADT05040R5 |
| 600           | 400 | 459          | 243 | 2           | ADT06040R5 |
| 600           | 500 | 459          | 343 | 2           | ADT06050R5 |
| 600           | 600 | 459          | 443 | 2           | ADT06060R5 |
| 700           | 500 | 559          | 343 | 2           | ADT07050R5 |
| 800           | 600 | 659          | 443 | 2           | ADT08060R5 |
| 1000          | 600 | 859          | 427 | 1*          | ADT10060R5 |
| 1000          | 800 | 859          | 627 | 1*          | ADT10080R5 |
| 1200          | 600 | 1059         | 427 | 1*          | ADT12060R5 |
| 1200          | 800 | 1059         | 627 | 1*          | ADT12080R5 |

\* 3 point espagnolette locking.  
Not suitable for AFS.



# Wall Mounted Enclosures

## Steel Range

### Accessories

### Glazed doors, ADC

- Description:

To replace the standard door, it provides a clear view of the components installed inside the enclosure. The lock(s) are interchangeable with all nVent HOFFMAN's standard lock(s).
- Material:

1.2 mm mild steel / 1.5 mm for enclosures with a height or width of 500 mm or greater / 2 mm for enclosures with a height or width of 800 mm or greater and 4 mm clear safety glass.
- Finish:

RAL 7035 structured powder coating.
- Protection:

Complies with IP 55 | TYPE 12, 13, IK 07.
- Pack quantity:

1 door.

| For enclosure |     | Viewing area |     | N° of locks | Item no.   |
|---------------|-----|--------------|-----|-------------|------------|
| H             | W   | h            | w   |             |            |
| 300           | 250 | 159          | 93  | 1           | ADC03025R5 |
| 300           | 300 | 159          | 143 | 1           | ADC03030R5 |
| 400           | 300 | 259          | 143 | 1           | ADC04030R5 |
| 400           | 400 | 259          | 243 | 1           | ADC04040R5 |
| 500           | 300 | 359          | 143 | 1           | ADC05030R5 |
| 500           | 400 | 359          | 243 | 1           | ADC05040R5 |
| 600           | 400 | 459          | 243 | 2           | ADC06040R5 |
| 600           | 500 | 459          | 343 | 2           | ADC06050R5 |
| 600           | 600 | 459          | 443 | 2           | ADC06060R5 |
| 700           | 500 | 559          | 343 | 2           | ADC07050R5 |
| 800           | 600 | 659          | 443 | 2           | ADC08060R5 |
| 1000          | 600 | 859          | 427 | 1*          | ADC10060R5 |
| 1000          | 800 | 859          | 627 | 1*          | ADC10080R5 |
| 1200          | 600 | 1059         | 427 | 1*          | ADC12060R5 |
| 1200          | 800 | 1059         | 627 | 1*          | ADC12080R5 |

\* 3 point espagnolette locking.  
Not suitable for AFS.



## Glazed doors, ADCS

|                       |                                                                                                                                                                                  |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | To replace the standard door, provides a clear view of the components installed inside the enclosure. The lock(s) are interchangeable with all nVent HOFFMAN's standard lock(s). |
| <b>Material:</b>      | 1.5 mm AISI 304 stainless steel, 2 mm for enclosures with a height or width of 600 mm or greater and 4 mm clear safety glass.                                                    |
| <b>Finish:</b>        | 400 pre-grained stainless steel.                                                                                                                                                 |
| <b>Protection:</b>    | Complies with IP55   TYPE 12, 13, IK 07.                                                                                                                                         |
| <b>Pack quantity:</b> | 1 door.                                                                                                                                                                          |

| For enclosure |     | Viewing area |     | N° of locks | Item no.  |
|---------------|-----|--------------|-----|-------------|-----------|
| H             | W   | h            | w   |             |           |
| 360           | 240 | 219          | 83  | 1           | ADCS03624 |
| 400           | 300 | 259          | 143 | 1           | ADCS04030 |
| 400           | 400 | 259          | 243 | 1           | ADCS04040 |
| 400           | 600 | 259          | 443 | 1           | ADCS04060 |
| 500           | 400 | 359          | 243 | 1           | ADCS05040 |
| 500           | 500 | 359          | 343 | 1           | ADCS05050 |
| 600           | 400 | 459          | 243 | 2           | ADCS06040 |
| 600           | 600 | 459          | 443 | 2           | ADCS06060 |
| 600           | 800 | 459          | 643 | 2           | ADCS06080 |
| 800           | 600 | 659          | 443 | 2           | ADCS08060 |
| 800           | 800 | 659          | 643 | 2           | ADCS08080 |
| 1000          | 800 | 859          | 643 | 1*          | ADCS10080 |
| 1200          | 800 | 1059         | 643 | 1*          | ADCS12080 |
| 1400          | 800 | 1259         | 643 | 1*          | ADCS14080 |

\* 3 point espagnolette locking.  
Not suitable for AFS.



# Wall Mounted Enclosures

## Steel Range

### Accessories

## Transparent aluminium doors, ADA/ADAB

|                       |                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | To replace the standard door. Can be used in combination with swing frame, modular chassis or inner door. The double-bit 3 mm lock can be replaced by any optional insert or handle. It increases the enclosures depth by 10 mm (ADA) or 35 mm (ADAB). Can also be used as a viewing window when used in combination with mounting kit ADAMK/ADABMK. |
| <b>Material:</b>      | Aluminium and 3 mm acrylic glass.                                                                                                                                                                                                                                                                                                                    |
| <b>Finish:</b>        | Anodised aluminium.                                                                                                                                                                                                                                                                                                                                  |
| <b>Protection:</b>    | Complies with IP54.                                                                                                                                                                                                                                                                                                                                  |
| <b>Pack quantity:</b> | 1 door with mounting accessories.                                                                                                                                                                                                                                                                                                                    |

| For enclosure |     | Viewing area |     | N° of locks | Item no.  |
|---------------|-----|--------------|-----|-------------|-----------|
| H             | W   | h            | w   |             |           |
| 300           | 300 | 226          | 226 | 1           | ADA03030  |
| 400           | 300 | 326          | 226 | 1           | ADA04030  |
| 400           | 400 | 326          | 326 | 1           | ADA04040  |
| 400           | 600 | 326          | 526 | 1           | ADA04060  |
| 500           | 300 | 426          | 226 | 1           | ADA05030  |
| 500           | 400 | 426          | 326 | 1           | ADA05040  |
| 600           | 400 | 522          | 322 | 2           | ADAB06040 |
| 600           | 600 | 522          | 522 | 2           | ADAB06060 |
| 600           | 800 | 522          | 722 | 2           | ADAB06080 |
| 700           | 500 | 622          | 422 | 2           | ADAB07050 |
| 800           | 600 | 722          | 522 | 2           | ADAB08060 |
| 1000          | 800 | 922          | 722 | 2           | ADAB10080 |
| 1200          | 600 | 1122         | 522 | 2           | ADAB12060 |
| 1200          | 800 | 1122         | 722 | 2           | ADAB12080 |

Not suitable for AFS.



## Mounting kits, ADAMK/ADABMK

| <b>Description:</b> | With this kit the glazed doors ADA/ADAB can be used as viewing windows on any enclosure surface, to provide protection for displays and other control components. |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| For                 | Item no.                                                                                                                                                          |
| ADA                 | ADAMK                                                                                                                                                             |
| ADAB                | ADABMK                                                                                                                                                            |





# 02

## Wall Mounted Enclosures





# Wall Mounted Enclosures

## Steel Range

### Accessories

## Inner doors, ADI

|                       |                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | For controls, meters, lamps, etc. Hinges can be mounted to allow left or right hand opening. Lock double-bit 3 mm insert; 700 mm high doors and above have 2 locks. Usable depth between inner and external door: 35 mm. Adjustable depth position with AMG accessory. Workable area: H-55, W- 108. 19" version available on request. Machining is required for stainless steel enclosures. |
| <b>Material:</b>      | Door 1.5 mm mild steel, vertical top and bottom profiles 2 mm mild steel.                                                                                                                                                                                                                                                                                                                   |
| <b>Finish:</b>        | RAL 7035 structured powder coating.                                                                                                                                                                                                                                                                                                                                                         |
| <b>Protection:</b>    | IP 2XC.                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Pack quantity:</b> | Inner door, two vertical profiles, top and bottom profiles and mounting accessories.                                                                                                                                                                                                                                                                                                        |



| For enclosure |     | Inner door dimensions |     | N° of locks | Item no.   |
|---------------|-----|-----------------------|-----|-------------|------------|
| H             | W   | h                     | w   |             |            |
| 400           | 300 | 345                   | 192 | 1           | ADI04030R5 |
| 400           | 400 | 345                   | 292 | 1           | ADI04040R5 |
| 400           | 500 | 345                   | 392 | 1           | ADI04050R5 |
| 400           | 600 | 345                   | 492 | 1           | ADI04060R5 |
| 500           | 300 | 445                   | 192 | 1           | ADI05030R5 |
| 500           | 400 | 445                   | 292 | 1           | ADI05040R5 |
| 500           | 500 | 445                   | 392 | 1           | ADI05050R5 |
| 600           | 400 | 545                   | 292 | 1           | ADI06040R5 |
| 600           | 500 | 545                   | 392 | 1           | ADI06050R5 |
| 600           | 600 | 545                   | 492 | 1           | ADI06060R5 |
| 600           | 800 | 545                   | 692 | 1           | ADI06080R5 |
| 700           | 500 | 645                   | 392 | 2           | ADI07050R5 |
| 800           | 400 | 745                   | 292 | 2           | ADI08040R5 |
| 800           | 600 | 745                   | 492 | 2           | ADI08060R5 |
| 800           | 800 | 745                   | 692 | 2           | ADI08080R5 |
| 1000          | 600 | 945                   | 492 | 2           | ADI10060R5 |
| 1000          | 800 | 945                   | 692 | 2           | ADI10080R5 |
| 1200          | 600 | 1145                  | 492 | 2           | ADI12060R5 |
| 1200          | 800 | 1145                  | 692 | 2           | ADI12080R5 |

Not suitable for AFS.

## Inner doors, ADIS

|                       |                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | For controls, meters, lamps, etc. Hinges can be mounted to allow left or right hand opening (Machining is required). Double-bit 3 mm lock, 800 mm high doors and above have 2 locks. Usable depth between inner and external door: 35 mm, adjustable depth position with AMG accessory. Workable area: H-55, W-108. 19" version available on request. |
| <b>Material:</b>      | Door 1.5 mm AISI 304 stainless steel and vertical top and bottom profiles 2 mm, AISI 304 stainless steel.                                                                                                                                                                                                                                             |
| <b>Protection:</b>    | IP 2XC.                                                                                                                                                                                                                                                                                                                                               |
| <b>Finish:</b>        | 400 pre-grained stainless steel.                                                                                                                                                                                                                                                                                                                      |
| <b>Pack quantity:</b> | Inner door, two vertical profiles, top and bottom profiles and mounting accessories.                                                                                                                                                                                                                                                                  |

| For enclosure |     | Inner door dimensions |     | N° of locks | Item no.  |
|---------------|-----|-----------------------|-----|-------------|-----------|
| H             | W   | h                     | w   |             |           |
| 400           | 300 | 345                   | 192 | 1           | ADIS04030 |
| 500           | 400 | 445                   | 292 | 1           | ADIS05040 |
| 500           | 500 | 445                   | 392 | 1           | ADIS05050 |
| 600           | 400 | 545                   | 292 | 1           | ADIS06040 |
| 600           | 600 | 545                   | 492 | 1           | ADIS06060 |
| 800           | 600 | 745                   | 492 | 2           | ADIS08060 |
| 1000          | 800 | 945                   | 692 | 2           | ADIS10080 |
| 1200          | 800 | 1145                  | 692 | 2           | ADIS12080 |

To order 19" version, please add I19 to the catalogue no, e.g. ADIS04030I19.  
Not suitable for AFS.



# Wall Mounted Enclosures

## Steel Range

### Accessories

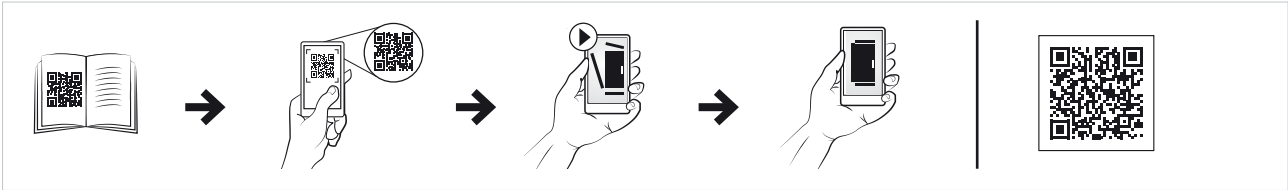
## 180° Hinges, MMH

**Description:** Door hinges that allow the door to open 180°. Machining is not required.

**Material:** Zamak.

**Pack quantity:** MMH02 - 2 pcs. MMH03 - 3 pcs.

| For enclosure |          |
|---------------|----------|
| H             | Item no. |
| ≤ 800mm       | MMH02    |
| > 800mm       | MMH03    |



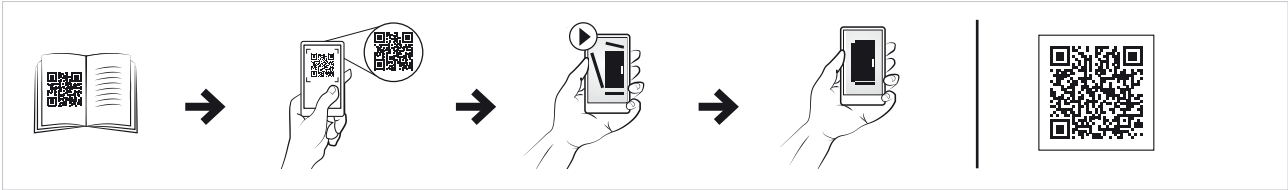
## 180° Hinges, MMHS

**Description:** Door hinges that allow the door to open 180°. Machining is not required.

**Material:** Stainless steel 316.

**Pack quantity:** MMHS02 - 2 pcs. MMHS03 - 3 pcs.

| For enclosure |          |
|---------------|----------|
| H             | Item no. |
| ≤ 800mm       | MMHS02   |
| > 800mm       | MMHS03   |



## Door stop, ADO

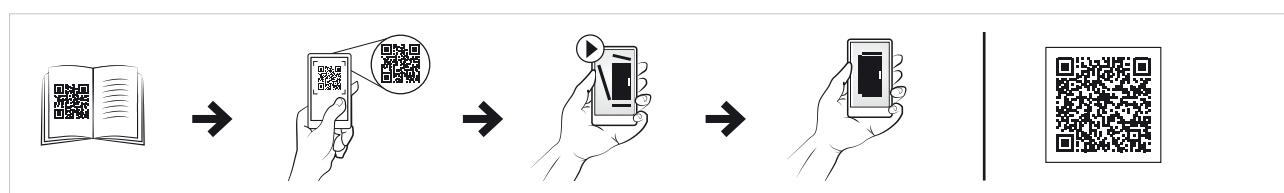
**Description:**

Door stop to fit all wall mounted enclosure dimensions. To secure the door in an open position to the degree that meets user requirements. Door stop can be mounted at the top or bottom of the enclosure. Machining is required. Minimum enclosure width  $\geq 300$  mm.

**Pack quantity:**

1 piece with mounting accessories.

| Material                         | Item no. |
|----------------------------------|----------|
| 3 mm thick zinc plated steel     | AD0202   |
| 2.5 mm stainless steel AISI 316L | AD0202S  |



## Door switch, ADSW

**Description:**

Door switch to activate any electrical device (lighting, signalling, alarms, etc.) designed for wall mounted enclosures. Cable entry M20. In stainless steel enclosures, machining is required.

**Switch capacity:**

3 A / 240 V.

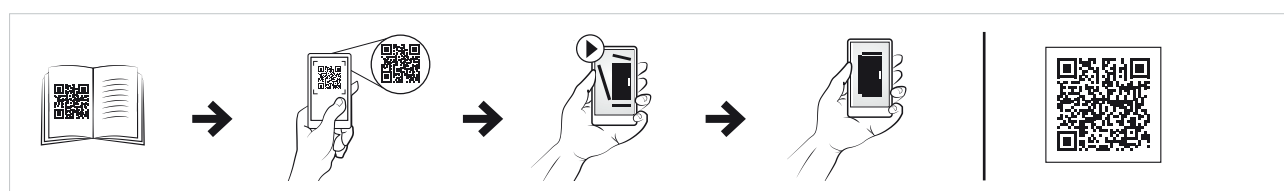
**Approvals:**

CE, cCCSAus, CCC.

**Pack quantity:**

1 piece with mounting accessories.

| Item no. |
|----------|
| ADSW01   |



# Wall Mounted Enclosures

## Steel Range

### Accessories

#### Document pocket, DRA

|                       |                                           |
|-----------------------|-------------------------------------------|
| <b>Description:</b>   | Self adhesive, for DIN A4.                |
| <b>Usable depth:</b>  | 30 mm.                                    |
| <b>Material:</b>      | Thermoplastic.                            |
| <b>Finish:</b>        | RAL 7035.                                 |
| <b>Pack quantity:</b> | 1 document pocket with double sided tape. |
|                       |                                           |
| <b>Item no.</b>       |                                           |
| DRA04                 |                                           |



#### Door mounting profiles, MMDP

|                       |                                                                                                                                                                                                                                 |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | To strengthen the door and provide further mounting possibilities. Mounted on the inside of the door onto M6 welded studs. Equipped with a 10 mm hole pattern. These door profiles cannot be used with the AFS enclosure range. |
| <b>Material:</b>      | 1.2 mm galvanized steel.                                                                                                                                                                                                        |
| <b>Dimension:</b>     | 15 x 14 mm.                                                                                                                                                                                                                     |
| <b>Pack quantity:</b> | 1 pair with mounting accessories.                                                                                                                                                                                               |
|                       |                                                                                                                                                                                                                                 |
| <b>For enclosure</b>  |                                                                                                                                                                                                                                 |
| <b>H</b>              | <b>Item no.</b>                                                                                                                                                                                                                 |
| 400                   | MMDP040                                                                                                                                                                                                                         |
| 500                   | MMDP050                                                                                                                                                                                                                         |
| 600                   | MMDP060                                                                                                                                                                                                                         |
| 700                   | MMDP070                                                                                                                                                                                                                         |
| 800                   | MMDP080                                                                                                                                                                                                                         |
| 1000                  | MMDP100                                                                                                                                                                                                                         |
| 1200                  | MMDP120                                                                                                                                                                                                                         |
| 1400                  | MMDP140                                                                                                                                                                                                                         |

Not suitable for AFS.



## Door horizontal profiles, DHP

- Description:** Horizontal profiles with 25 mm hole pattern of 4.5 mm and 6.5 mm of diameter for the attachment and installation of equipment.
- Material:** 1.5 mm galvanized steel.
- Pack quantity:** 5 pieces with mounting accessories.
- Mounting requirements:** They fit directly onto the MMDP door mounting profiles. They can also be mounted vertically onto two horizontal profiles. For doors with espagnolette locking system, profiles must be cut where indicated.

| For enclosure |          |
|---------------|----------|
| W             | Item no. |
| 300           | DHP030   |
| 400           | DHP040   |
| 500           | DHP050   |
| 600           | DHP060   |
| 800           | DHP080   |

Not suitable for AFS.



# Wall Mounted Enclosures

## Steel Range

### Accessories

## Inserts, ALIS

**Description:** Inserts to replace the standard double-bit 3 mm insert in the standard ALLS503 lock.

**Material:** Zamak chrome plated.

**Pack quantity:** 1 piece.

| Description     | Item no. |
|-----------------|----------|
| Double-bit 3 mm | ALIS503  |
| Double-bit 5 mm | ALIS505  |
| Square 7 mm     | ALIS523  |
| Triangular 8 mm | ALIS524  |
| Square 8 mm     | ALIS525  |
| Slotted 2x4 mm  | ALIS528  |

Not suitable for AFS.



## Locks, ALL

**Description:** Alternative locks to replace the standard one.

**Pack quantity:** 1 piece.

| Description                      | Type                | Protection | Compatibility | Item no. |
|----------------------------------|---------------------|------------|---------------|----------|
| ADA lock with cylinder           | Ronis key n° C21323 | IP 65      | ADA           | ALL506   |
| ADAB lock with cylinder          | Ronis key n° C21323 | IP 65      | ADAB          | ALL507   |
| Chrome plated lock with cylinder | Ronis key n° M21323 | IP 65      |               | ALL508   |
| Polyamide lock with cylinder     | Key 5333            | IP 55      |               | ALL509   |
| Lock with cylinder               | Ronis key n° C21323 | IP 65      |               | ALL510N  |

Not suitable for AFS.



## Double-bit 3 mm stainless steel locks, ALLS

**Description:** Stainless steel double-bit 3 mm lock.

**Pack quantity:** 1 piece.

| Description               | Protection | Item no. |
|---------------------------|------------|----------|
| AISI 304 stainless steel  | IP 65      | ALLS304  |
| AISI 316L stainless steel | IP 66      | ALLS316  |

Not suitable for AFS.





## Padlocking, PLC

**Description:** The padlocking cover is mounted over the existing standard lock. The standard lock is totally covered and not accessible when padlock is fitted. Maximum padlock bow diameter of 10 mm.

**Material:** Stainless steel.

**Pack quantity:** 1 piece.

| Item no. |
|----------|
| PLC01    |

Not suitable for AFS.



## Handles, ALT

**Description:** Alternative handles to replace the standard lock.

**Pack quantity:** 1 piece.

| Description                                           | Protection | Item no. |
|-------------------------------------------------------|------------|----------|
| Plastic handle                                        | IP 66      | ALT560   |
| Chrome plated T-handle with cylinder lock, key M21323 | IP 65      | ALT561   |
| Chrome plated handle with cylinder lock, key M21323   | IP 65      | ALT562   |
| Plastic handle with cylinder lock, Key 5333           | IP 65      | ALT563   |

Other locking options available, please contact our sales representative. Not suitable for AFS.



## Keys, LSK

**Description:** Key with nVent HOFFMAN logo. Easy to use design, providing a good grip.

**Pack quantity:** 1 piece.

| Description     | Material | Item no. |
|-----------------|----------|----------|
| Double-bit 3 mm | Plastic  | LSK502   |
| Double-bit 3 mm | Metalic  | LSK503   |
| Double-bit 5 mm | Metalic  | LSK505   |
| Square 7 mm     | Metalic  | LSK523   |
| Square 8 mm     | Metalic  | LSK524   |
| Triangle 7 mm   | Metalic  | LSK526   |
| Triangle 8 mm   | Metalic  | LSK527   |



# Wall Mounted Enclosures

## Steel Range

### Accessories

#### Multi key, LSMK

| <b>Description:</b>                                               | Multi-Key function with nVent HOFFMAN logo and a different key in every end: double-bit 5 mm, square 8 mm, triangle 8 mm and a standard hexagonal adaptor to use with the screw ends. |          |        |
|-------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------|
| <b>Material:</b>                                                  | Steel.                                                                                                                                                                                |          |        |
| <b>Pack quantity:</b>                                             | 1 piece.                                                                                                                                                                              |          |        |
| <table><tr><th>Item no.</th></tr><tr><td>LSMK01</td></tr></table> |                                                                                                                                                                                       | Item no. | LSMK01 |
| Item no.                                                          |                                                                                                                                                                                       |          |        |
| LSMK01                                                            |                                                                                                                                                                                       |          |        |



#### Wall mounted combining kit, CK

| <b>Description:</b>                                             | Wall mounting combining kit is to be used for baying two or more wall mounted enclosures together, side by side. This enables customers to create many more enclosure configurations than previously available. |          |      |
|-----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|
| <b>Material:</b>                                                | EPDM rubber 10 mm thick.                                                                                                                                                                                        |          |      |
| <b>Pack quantity:</b>                                           | Combining kit provided in a puzzle format, along with mounting accessories.                                                                                                                                     |          |      |
| <table><tr><th>Item no.</th></tr><tr><td>CK01</td></tr></table> |                                                                                                                                                                                                                 | Item no. | CK01 |
| Item no.                                                        |                                                                                                                                                                                                                 |          |      |
| CK01                                                            |                                                                                                                                                                                                                 |          |      |

Not suitable for AFS.



## Gland plate combining gaskets, AGC

**Description:** To be used when a wall mounted enclosures combination (MAS/MAD/MAP) is needed. Combining gaskets are to be used to bay gland plate openings together.

**Material:** 8 mm polyethylene foam.

**Pack quantity:** 2 pieces, and combination mounting accessories.

| For opening | Gland plate type | Item no. |
|-------------|------------------|----------|
| 310 x 96    | 2                | AGC02    |
| 410 x 96    | 3                | AGC03    |
| 510 x 96    | 4                | AGC04    |



## Lifting eyes, AL

**Description:** M12 thread. Complies with DIN 580 lifting requirements. Machining is required.

**Material:** Steel.

**Pack quantity:** 2 eye-bolts, 2 reinforcements and mounting accessories.

| Item no. |
|----------|
| AL9301   |

Not suitable for AFS.



# Wall Mounted Enclosures

## Steel Range

### Accessories

## Standard gland plates, AF

**Description:** Gland plates for the standard gland opening.

**Material:** 1.4 mm mild steel.

**Finish:** RAL 7035 structured powder coating.

**Pack quantity:** 1 piece.

| For opening | Gland plate type | Item no. |
|-------------|------------------|----------|
| 110 x 56    | 0S               | AF00SR5  |
| 210 x 56    | 1S               | AF01SR5  |
| 310 x 56    | 2S               | AF02SR5  |
| 410 x 56    | 3S               | AF03SR5  |
| 210 x 96    | 1                | AF01R5   |
| 310 x 96    | 2                | AF02R5   |
| 410 x 96    | 3                | AF03R5   |
| 510 x 96    | 4                | AF04R5   |



## Gland plate gaskets, AG

**Description:** For standard gland plate opening.

**Material:** 4 mm polyethylene foam.

**Pack quantity:** 1 piece.

| For opening | Gland plate type | Item no. |
|-------------|------------------|----------|
| 110 x 56    | 0S               | AG00S    |
| 210 x 56    | 1S               | AG01S    |
| 310 x 56    | 2S               | AG02S    |
| 410 x 56    | 3S               | AG03S    |
| 210 x 96    | 1                | AG01     |
| 310 x 96    | 2                | AG02     |
| 410 x 96    | 3                | AG03     |
| 510 x 96    | 4                | AG04     |



## Ventilated gland plates, AFR

|                       |                                                      |
|-----------------------|------------------------------------------------------|
| <b>Description:</b>   | Louvered plate, pressed out 5 mm.                    |
| <b>Material:</b>      | 1.4 mm mild steel.                                   |
| <b>Finish:</b>        | RAL 7035 structured powder coating.                  |
| <b>Protection:</b>    | Complies with IP 23, in bottom or vertical position. |
| <b>Pack quantity:</b> | 1 piece.                                             |

| For opening | Gland plate type | Item no. |
|-------------|------------------|----------|
| 210 x 96    | 1                | AFR01R5  |
| 310 x 96    | 2                | AFR02R5  |
| 410 x 96    | 3                | AFR03R5  |
| 510 x 96    | 4                | AFR04R5  |

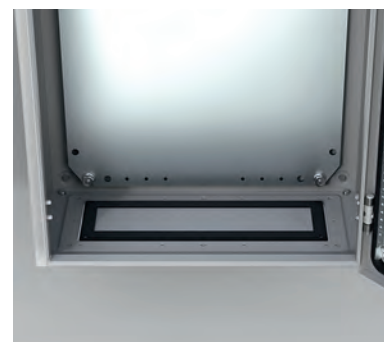


2

## Ventilated gland plates with filter, AFV

|                       |                                                      |
|-----------------------|------------------------------------------------------|
| <b>Description:</b>   | Louvered plate, pressed out 5 mm with filter.        |
| <b>Material:</b>      | 1.4 mm mild steel.                                   |
| <b>Finish:</b>        | RAL 7035 structured powder coating.                  |
| <b>Protection:</b>    | Complies with IP 53, in bottom or vertical position. |
| <b>Pack quantity:</b> | 1 piece.                                             |

| For opening | Gland plate type | Item no. |
|-------------|------------------|----------|
| 210 x 96    | 1                | AFV01R5  |
| 310 x 96    | 2                | AFV02R5  |
| 410 x 96    | 3                | AFV03R5  |
| 510 x 96    | 4                | AFV04R5  |



# Wall Mounted Enclosures

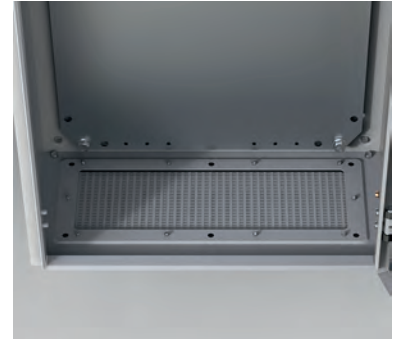
## Steel Range

### Accessories

## Ventilated gland plates with fly-net, AFG

|                       |                                                      |
|-----------------------|------------------------------------------------------|
| <b>Description:</b>   | Louvered plate, pressed out 5 mm with fly-net.       |
| <b>Material:</b>      | 1.4 mm mild steel.                                   |
| <b>Finish:</b>        | RAL 7035 structured powder coating.                  |
| <b>Protection:</b>    | Complies with IP 43, in bottom or vertical position. |
| <b>Pack quantity:</b> | 1 piece.                                             |

| For opening | Gland plate type | Item no. |
|-------------|------------------|----------|
| 210 x 96    | 1                | AFG01R5  |
| 310 x 96    | 2                | AFG02R5  |
| 410 x 96    | 3                | AFG03R5  |
| 510 x 96    | 4                | AFG04R5  |



## Adapter gland plates, AFA

|                       |                                                                             |
|-----------------------|-----------------------------------------------------------------------------|
| <b>Description:</b>   | Adapts FL gland plates to the wall mounted, steel enclosures gland opening. |
| <b>Material:</b>      | 1.4 mm mild steel.                                                          |
| <b>Finish:</b>        | RAL 7035 structured powder coating.                                         |
| <b>Pack quantity:</b> | 1 piece.                                                                    |

| For opening | N° of FL openings | Gland plate type | Item no. |
|-------------|-------------------|------------------|----------|
| 210 x 96    | 1xFL13            | 1                | AFA01R5  |
| 310 x 96    | 1xFL21            | 2                | AFA02R5  |
| 410 x 96    | 1xFL21            | 3                | AFA03R5  |
| 510 x 96    | 2xFL21            | 4                | AFA04R5  |



## Plastic cable plates, EHTC

|                       |                                                                                                                                                                                          |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | Gland plates suitable for leading through cables as well as different types of tubing. To be installed directly to the adapter gland plate AFA. Please see the cable management section. |
| <b>Material:</b>      | Different types of polymers reinforced with a steel plate. Halogen free and UV resistant.                                                                                                |
| <b>Protection:</b>    | IP 65.                                                                                                                                                                                   |
| <b>Finish:</b>        | RAL 7035.                                                                                                                                                                                |
| <b>Pack quantity:</b> | 1 piece with mounting accessories.                                                                                                                                                       |

| For opening | Item no.  |
|-------------|-----------|
| FL21        | EHTC2125G |
| FL21        | EHTC213G  |
| FL21        | EHTC2135G |
| FL21        | EHTC2150G |



## Gland plates with knock-outs, AFK

|                       |                                                  |
|-----------------------|--------------------------------------------------|
| <b>Description:</b>   | Gland plates with knock-outs according to table. |
| <b>Material:</b>      | 1.4 mm mild steel.                               |
| <b>Finish:</b>        | RAL 7035 structured powder coating.              |
| <b>Pack quantity:</b> | 1 piece.                                         |

| For opening | M16 | M20 | M25 | M32 | Gland plate type | Item no. |
|-------------|-----|-----|-----|-----|------------------|----------|
| 210 x 56    | 4   | 3   | –   | –   | 1S               | AFK11SR5 |
| 310 x 56    | 6   | 3   | 1   | –   | 2S               | AFK21SR5 |
| 410 x 56    | 9   | 4   | 1   | –   | 3S               | AFK31SR5 |
| 210 x 96    | 4   | 5   | 2   | 2   | 1                | AFK11R5  |
| 210 x 96    | 12  | –   | 1   | 1   | 1                | AFK12R5  |
| 310 x 96    | 9   | 5   | 4   | 2   | 2                | AFK21R5  |
| 310 x 96    | 21  | –   | 1   | 1   | 2                | AFK22R5  |
| 410 x 96    | 18  | 5   | 4   | 2   | 3                | AFK31R5  |
| 410 x 96    | 21  | 10  | –   | –   | 3                | AFK32R5  |
| 510 x 96    | 27  | 5   | 4   | 2   | 4                | AFK41R5  |
| 510 x 96    | 18  | 14  | 3   | 1   | 4                | AFK42R5  |





# Wall Mounted Enclosures

## Steel Range

### Accessories

## Plastic cable glands, CPG

|                                |                                                                                                                                                                          |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>            | Traditional cable fittings. Known for excellent strain relief even while providing a high protection class. Plastic lock nuts for fixation are included in the delivery. |
| <b>Material:</b>               | Fitting body made of polyamide PA6, and sealing made of neoprene.                                                                                                        |
| <b>Temperature resistance:</b> | -20°C to +100°C.                                                                                                                                                         |
| <b>Flammability:</b>           | V-2 according to UL94.                                                                                                                                                   |
| <b>Finish:</b>                 | RAL 7035.                                                                                                                                                                |
| <b>Protection:</b>             | IP 66                                                                                                                                                                    |

| Thread    | Cable Size | Pack quantity | Item no. |
|-----------|------------|---------------|----------|
| M12 x 1.5 | 3 - 6.5    | 100           | CPG12    |
| M16 x 1.5 | 5 - 10     | 50            | CPG16    |
| M20 x 1.5 | 6 - 12     | 50            | CPG20    |
| M25 x 1.5 | 13 - 18    | 50            | CPG25    |
| M32 x 1.5 | 18 - 25    | 20            | CPG32    |
| M40 x 1.5 | 22 - 32    | 10            | CPG40    |
| M50 x 1.5 | 30 - 38    | 5             | CPG50    |
| M63 x 1.5 | 34 - 44    | 5             | CPG63    |



## Simple protection cables entry, CES

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>            | Simple grommet manufactured in a rubber-like material. The installation does not require tools. The "pushout" membrane is a permanent seal until it is penetrated by a cable or pipe. It is equipped with a sock that closes tight around the cable and allows for it to be moved around like a "joy-stick" in the opening without endangering the IP, so it works extremely well with cables passing through at an angle. Suitable for holes in materials of 0.5 to 4.5 mm thickness. |
| <b>Material:</b>               | TPE (thermoplastic elastomer), halogen free.                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Temperature resistance:</b> | -50 °C to +125 °C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Finish:</b>                 | RAL 7035.                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Protection:</b>             | IP 67.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

| H    | H1  | H2   | Metric | Diameter | Cable diameter (mm) | Hole diameter (mm) | Pack quantity | Item no. |
|------|-----|------|--------|----------|---------------------|--------------------|---------------|----------|
| 11.0 | 4.0 | 6.75 | M16    | 23.5     | 5-10                | 16.5               | 50            | CES16    |
| 11.0 | 4.0 | 6.75 | M20    | 27.5     | 6-13                | 20.5               | 50            | CES20    |
| 11.0 | 4.0 | 6.75 | M25    | 39.5     | 8-17                | 25.5               | 50            | CES25    |
| 11.0 | 4.0 | 6.75 | M32    | 39.5     | 12-24               | 32.5               | 25            | CES32    |



## Double protection cables entry, CED

|                                |                                                                                                                                                                                                                                                                         |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>            | The rubber grommet is very simple to use. The installation does not require tools, which in turn means lower work cost. The "pushout" membrane is a permanent seal until it is penetrated by a cable or pipe. Suitable for holes in materials of 0.5 to 4 mm thickness. |
| <b>Material:</b>               | EPDM, halogen free.                                                                                                                                                                                                                                                     |
| <b>Temperature resistance:</b> | -40 °C to +110 °C.                                                                                                                                                                                                                                                      |
| <b>Finish:</b>                 | RAL 7035.                                                                                                                                                                                                                                                               |
| <b>Protection:</b>             | IP 67.                                                                                                                                                                                                                                                                  |

| H    | H1   | Metric | Diameter | Cable diameter (mm) | Hole diameter (mm) | Pack quantity | Item no. |
|------|------|--------|----------|---------------------|--------------------|---------------|----------|
| 12.8 | 5.6  | M12    | 20.0     | 4-7                 | 12.5               | 50            | CED12    |
| 17.7 | 11.0 | M16    | 21.0     | 5-9                 | 16.5               | 50            | CED16    |
| 20.0 | 13.4 | M20    | 25.5     | 8-13                | 20.5               | 50            | CED20    |
| 21.3 | 15.3 | M25    | 30.5     | 11-17               | 25.5               | 50            | CED25    |
| 24.6 | 18.6 | M32    | 38.5     | 15-20               | 32.5               | 25            | CED32    |
| 29.5 | 21.7 | M40    | 48.5     | 19-28               | 40.5               | 25            | CED40    |
| 34.8 | 25.0 | M50    | 60.5     | 27-35               | 50.5               | 10            | CED50    |



## Cable anchorage glands, CAG

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>            | Two-component grommet with membrane seal and cable anchorage. The installation does not require tools, it is self-adjusting to its surrounding wall thickness and click-fixed in place. Because of its compact design it only extends 5.7 mm outside the enclosure on which it is mounted. The "pushout" membrane is a permanent seal until it is penetrated by a cable or pipe. Suitable for holes in materials of 0.7 to 3 mm thickness. |
| <b>Material:</b>               | TPE and polyamide 66, halogen free.                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Temperature resistance:</b> | -20 °C to +125 °C.                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Finish:</b>                 | RAL 7035.                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Protection:</b>             | IP 67, 65, waterproof.                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Pack quantity:</b>          | 50 pieces.                                                                                                                                                                                                                                                                                                                                                                                                                                 |

| H     | H2  | Metric | Diameter | Cable diameter (mm) | Hole diameter (mm) | Item no. |
|-------|-----|--------|----------|---------------------|--------------------|----------|
| 17-20 | 5.7 | M20    | 34-37    | 7-11                | 20.5               | CAG20    |
| 17-20 | 5.7 | M25    | 39-42    | 7-13                | 25.5               | CAG25    |



# Wall Mounted Enclosures

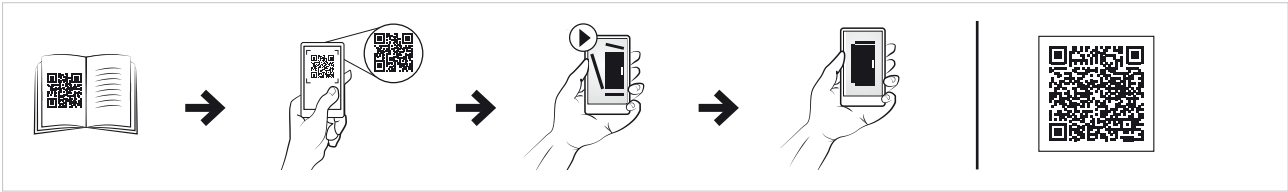
## Steel Range

### Accessories

## Earthing cables, ECFA

- Description:** For earthing between metallic parts.
- Material:** 6 mm² copper wire (yellow-green).
- Pack quantity:** 10 pieces.
- Mounting requirements:** Add connection set ECF for fixing cable to painted frame.

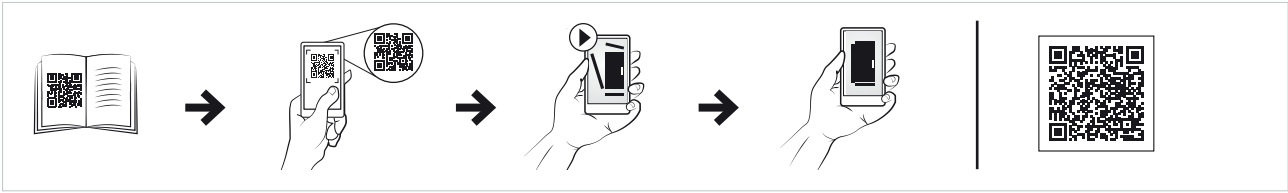
| Length | Connection size | Item no. |
|--------|-----------------|----------|
| 220 mm | M6 / M8         | ECFA220  |
| 300 mm | M8 / M8         | ECFA300  |



## Earthing straps, ECFE

- Description:** For earthing and potential compensation between panels, parts and the enclosure's frame.
- Length:** 300 mm.
- Material:** Tinned electrolytic copper 0.15 mm wire.
- Working temperature:** Up to 105°C.
- Pack quantity:** 10 pieces.
- Mounting requirements:** Add ECF connection set for fixing strap to painted frame.

| Cross sectional area | Holes diam. | Current (A) | Item no. |
|----------------------|-------------|-------------|----------|
| 16 mm²               | 8.5         | 120 A       | ECFE1630 |
| 25 mm²               | 10.5        | 150 A       | ECFE2530 |



## Earthing connection for panels, ECP

**Description:** Earthing connection for fixing the earthing straps and cables to panels, mounting plates or profiles.

**Pack quantity:** 10 sets.

| Bolt size | Item no. |
|-----------|----------|
| M6        | ECP06    |
| M8        | ECP08    |



# Wall Mounted Enclosures

## Steel Range

### Accessories

## Rain hood, ARF

- Description:

To be fitted as an outdoor shelter on single mounted enclosures. The roof is slightly sloped and has a dripstrip. Machining is required. It increases the enclosure dimension in H:60 mm, D:20 mm and W:20 mm.
- Material:

1.5 mm mild steel.
- Finish:

RAL 7035 structured powder coating.
- Pack quantity:

1 rain hood with mounting accessories.
- Additional information:

If the rain hood is exposed to high levels of UV radiation, the ARF should be coated with 100% polyester paint. This can be ordered as a special accessory. The ARF is not compatible with 180° MMH hinges.

| For enclosure |     |            |
|---------------|-----|------------|
| W             | D   | Item no.   |
| 250           | 155 | ARF02515R5 |
| 250           | 210 | ARF02521R5 |
| 300           | 155 | ARF03015R5 |
| 300           | 210 | ARF03021R5 |
| 400           | 155 | ARF04015R5 |
| 400           | 210 | ARF04021R5 |
| 400           | 260 | ARF04026R5 |
| 400           | 300 | ARF04030R5 |
| 500           | 155 | ARF05015R5 |
| 500           | 210 | ARF05021R5 |
| 500           | 260 | ARF05026R5 |
| 500           | 300 | ARF05030R5 |
| 600           | 210 | ARF06021R5 |
| 600           | 260 | ARF06026R5 |
| 600           | 300 | ARF06030R5 |
| 600           | 400 | ARF06040R5 |
| 800           | 210 | ARF08021R5 |
| 800           | 260 | ARF08026R5 |
| 800           | 300 | ARF08030R5 |
| 800           | 400 | ARF08040R5 |
| 1000          | 300 | ARF10030R5 |
| 1200          | 300 | ARF12030R5 |

Not suitable for AFS.



## Rain hood, ASST

- Description:** To be fitted as an outdoor shelter on stainless steel wall mounted enclosures. The roof is slightly sloped and has a drip strip. Machining is required. Dimensions of the enclosure will be increased by H: 60 mm, W: 20 mm and D: 20 mm.
- Material:** AISI 304 / AISI 316L pre-grained stainless steel.
- Finish:** 400 pre-grained stainless steel.
- Pack quantity:** 1 rain hood with mounting material.
- Additional information:** ASST is not compatible with 180° MMHS hinges.

| For enclosure |     |             |
|---------------|-----|-------------|
| W             | D   | Item no.    |
| 400           | 210 | ASST042     |
| 400           | 210 | ASST042-316 |
| 600           | 210 | ASST062     |
| 600           | 210 | ASST062-316 |
| 600           | 300 | ASST063     |
| 600           | 300 | ASST063-316 |
| 800           | 300 | ASST083     |
| 800           | 300 | ASST083-316 |
| 800           | 400 | ASST084     |
| 800           | 400 | ASST084-316 |
| 1000          | 300 | ASST103     |
| 1000          | 300 | ASST103-316 |
| 1200          | 300 | ASST123     |
| 1200          | 300 | ASST123-316 |
| 1200          | 400 | ASST124     |
| 1200          | 400 | ASST124-316 |

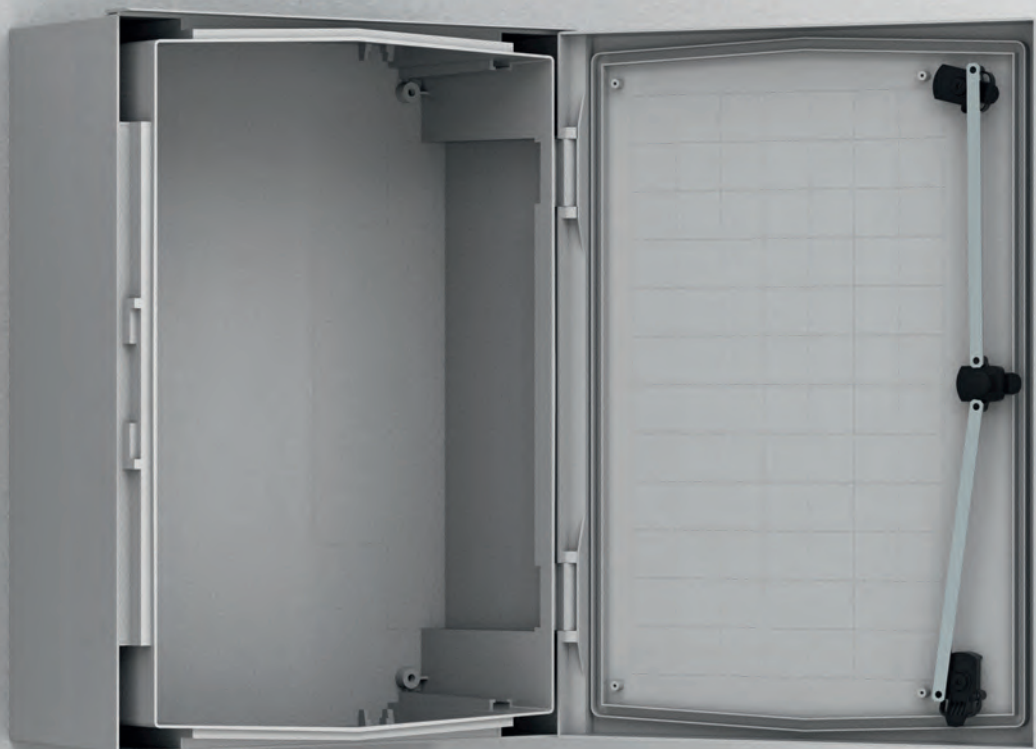
Not suitable for AFS.





**Wall Mounted Enclosures**  
**Polyester Range | Polyester**  
**Compact, Plain / Transparent door | UCP/UCPT**

**IP 66 | TYPE 4, 4X, 12, 13 | IK 08 / 07**





**Material:**

Fibre-glass reinforced polyester. UCPT viewing area: polycarbonate.

**Body:**

Monoblock moulded 3 mm thick. Four holes for direct wall fixing. Without gland plate openings.

**Door:**

Door, with or without window and 180° opening. For UCP/UCPT750 and above, a door support is supplied for easier closing. Sealing is by an injected one piece polyurethane gasket.

**Lock:**

Double-bit 3 mm insert and 90° movement. UCP/UCPT540 and above have three locking points. Other locks are available as an accessory.

**Temperature resistance:**

-25 °C to 70 °C in continuous use (peak temperatures up to 130 °C).

**Characteristics:**

Self extinguishing and halogen free. Double insulated, according to EN61439-1. Rated insulation voltage  $U_i=1000V$ .

**Protection:**

IP 66 | TYPE 4, 4X, 12, 13 and IP 65 only for UCPT430. Impact resistance IK 08 (IK 07 for enclosures with transparent door).

**Approvals:**

CE, GOST. CSA and cULus\_UL Listed approvals apply to plain door enclosures only. For further approvals, please contact nVent HOFFMAN's sales department.

**Finish:**

RAL 7035, precoloured raw material.

**Delivery:**

Enclosure with door, fixing screws for the mounting plate and a self adhesive rain strip.

**Note:**

UCP320, UCP430 and UCP540 are delivered with the doors inside the packaging, unmounted.



## Dimensional table | UCP/UCPT

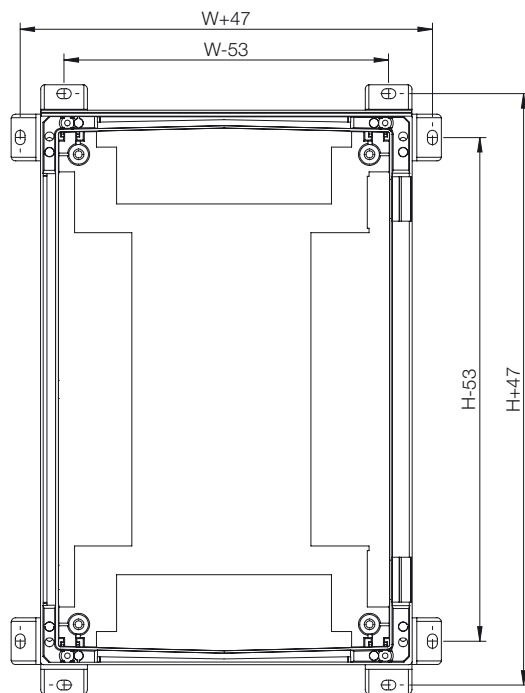
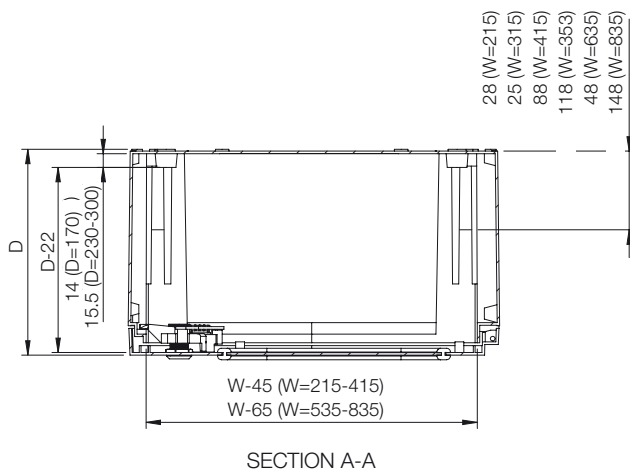
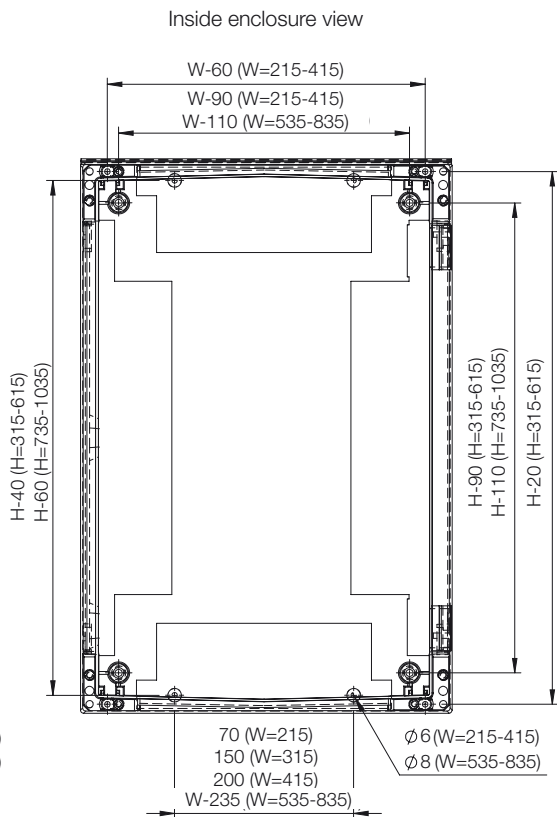
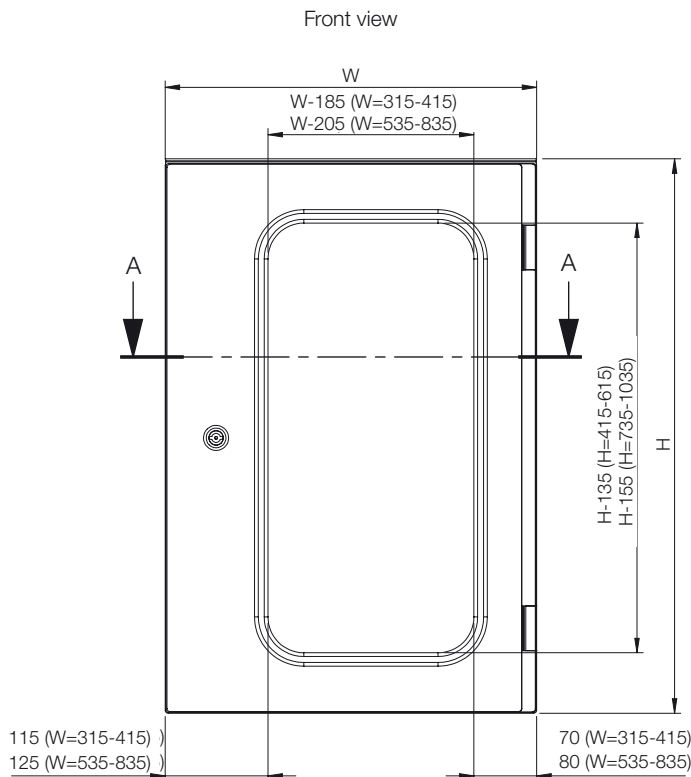
### IP 66 | TYPE 4, 4X, 12, 13 | IK 08 / 07

Plain door

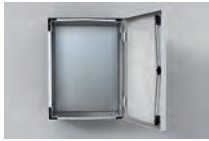
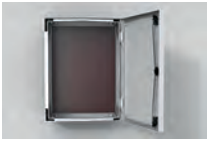
| Enclosure dimensions |     |     | N° of locking points | Item no. |
|----------------------|-----|-----|----------------------|----------|
| H                    | W   | D   |                      |          |
| 315                  | 215 | 170 | 1                    | UCP320   |
| 415                  | 315 | 170 | 1                    | UCP430   |
| 515                  | 415 | 230 | 3                    | UCP540   |
| 615                  | 415 | 230 | 3                    | UCP640   |
| 735                  | 535 | 270 | 3                    | UCP750   |
| 835                  | 635 | 300 | 3                    | UCP860   |
| 1035                 | 835 | 300 | 3                    | UCP1080  |

Transparent door

| Enclosure dimensions |     |     | N° of locking points | Item no. |
|----------------------|-----|-----|----------------------|----------|
| H                    | W   | D   |                      |          |
| 415                  | 315 | 170 | 1                    | UCPT430  |
| 515                  | 415 | 230 | 3                    | UCPT540  |
| 615                  | 415 | 230 | 3                    | UCPT640  |
| 735                  | 535 | 270 | 3                    | UCPT750  |
| 835                  | 635 | 300 | 3                    | UCPT860  |
| 1035                 | 835 | 300 | 3                    | UCPT1080 |



## Accessories selection matrix | UCP/UCPT

|           |      |     |     |  |  |  |  |
|-----------|------|-----|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Enclosure |      |     |     | Mounting                                                                          |                                                                                   |                                                                                    |                                                                                     |
|           | H    | W   | D   | Steel mounting plate                                                              | Insulated mounting plate                                                          | Telequick mounting plate                                                           | Depth adjustment kit                                                                |
| UCP320    | 315  | 215 | 170 | UMPZ320                                                                           | UMPP320                                                                           | UMPT320                                                                            | UCD01                                                                               |
| UCP430    | 415  | 315 | 170 | UMPZ430                                                                           | UMPP430                                                                           | UMPT430                                                                            | UCD01                                                                               |
| UCP540    | 515  | 415 | 230 | UMPZ540                                                                           | UMPP540                                                                           | UMPT540                                                                            | UCD01                                                                               |
| UCP640    | 615  | 415 | 230 | UMPZ640                                                                           | UMPP640                                                                           | UMPT640                                                                            | UCD01                                                                               |
| UCP750    | 735  | 535 | 270 | UMPZ750                                                                           | UMPP750                                                                           | UMPT750                                                                            | UCD01                                                                               |
| UCP860    | 835  | 635 | 300 | UMPZ860                                                                           | UMPP860                                                                           | UMPT860                                                                            | UCD01                                                                               |
| UCP1080   | 1035 | 835 | 300 | UMPZ1080                                                                          | UMPP1080                                                                          | UMPT1080                                                                           | UCD01                                                                               |
| UCPT430   | 415  | 315 | 170 | UMPZ430                                                                           | UMPP430                                                                           | UMPT430                                                                            | UCD01                                                                               |
| UCPT540   | 515  | 415 | 230 | UMPZ540                                                                           | UMPP540                                                                           | UMPT540                                                                            | UCD01                                                                               |
| UCPT640   | 615  | 415 | 230 | UMPZ640                                                                           | UMPP640                                                                           | UMPT640                                                                            | UCD01                                                                               |
| UCPT750   | 735  | 535 | 270 | UMPZ750                                                                           | UMPP750                                                                           | UMPT750                                                                            | UCD01                                                                               |
| UCPT860   | 835  | 635 | 300 | UMPZ860                                                                           | UMPP860                                                                           | UMPT860                                                                            | UCD01                                                                               |
| UCPT1080  | 1035 | 835 | 300 | UMPZ1080                                                                          | UMPP1080                                                                          | UMPT1080                                                                           | UCD01                                                                               |

|           |      |     |     |  |  |  |  |
|-----------|------|-----|-----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Enclosure |      |     |     | Fixing                                                                              |                                                                                     |                                                                                      | Ventilation                                                                           |
|           | H    | W   | D   | Stainless steel brackets                                                            | Polyamide brackets                                                                  | Pole fixation                                                                        | Air ventilation grids                                                                 |
| UCP320    | 315  | 215 | 170 | UWMB11                                                                              | UWMB12                                                                              | EPF0300                                                                              | UPVD01                                                                                |
| UCP430    | 415  | 315 | 170 | UWMB11                                                                              | UWMB12                                                                              | EPF0300                                                                              | UPVD01                                                                                |
| UCP540    | 515  | 415 | 230 | UWMB11                                                                              | UWMB12                                                                              | EPF0400                                                                              | UPVD01                                                                                |
| UCP640    | 615  | 415 | 230 | UWMB11                                                                              | UWMB12                                                                              | EPF0400                                                                              | UPVD01                                                                                |
| UCP750    | 735  | 535 | 270 | UWMB11                                                                              | UWMB12                                                                              | EPF0500                                                                              | UPVD01                                                                                |
| UCP860    | 835  | 635 | 300 | UWMB11                                                                              | UWMB12                                                                              | EPF0600                                                                              | UPVD01                                                                                |
| UCP1080   | 1035 | 835 | 300 | UWMB11                                                                              | UWMB12                                                                              | EPF0800                                                                              | UPVD01                                                                                |
| UCPT430   | 415  | 315 | 170 | UWMB11                                                                              | UWMB12                                                                              | EPF0300                                                                              | UPVD01                                                                                |
| UCPT540   | 515  | 415 | 230 | UWMB11                                                                              | UWMB12                                                                              | EPF0400                                                                              | UPVD01                                                                                |
| UCPT640   | 615  | 415 | 230 | UWMB11                                                                              | UWMB12                                                                              | EPF0400                                                                              | UPVD01                                                                                |
| UCPT750   | 735  | 535 | 270 | UWMB11                                                                              | UWMB12                                                                              | EPF0500                                                                              | UPVD01                                                                                |
| UCPT860   | 835  | 635 | 300 | UWMB11                                                                              | UWMB12                                                                              | EPF0600                                                                              | UPVD01                                                                                |
| UCPT1080  | 1035 | 835 | 300 | UWMB11                                                                              | UWMB12                                                                              | EPF0800                                                                              | UPVD01                                                                                |



| Enclosure |      |     |     | Mounting       |                           |                   |               |
|-----------|------|-----|-----|----------------|---------------------------|-------------------|---------------|
|           | H    | W   | D   | Mounting frame | Cover plate with cut-outs | Plain cover plate | Hinge support |
| UCP320    | 315  | 215 | 170 | UMF3202        | UFCP3201                  | UFCP3200          | UHS01         |
| UCP430    | 415  | 315 | 170 | UMF4302        | UFCP4301                  | UFCP4300          | UHS01         |
| UCP540    | 515  | 415 | 230 | UMF5403        | UFCP5401                  | UFCP5400          | UHS01         |
| UCP640    | 615  | 415 | 230 | UMF6403        | UFCP6401                  | UFCP6400          | UHS01         |
| UCP750    | 735  | 535 | 270 | UMF7503        | UFCP7501                  | UFCP7500          | UHS01         |
| UCP860    | 835  | 635 | 300 | UMF8604        | UFCP8601                  | UFCP8600          | UHS01         |
| UCP1080   | 1035 | 835 | 300 | UMF10805       | UFCP1081                  | UFCP1080          | UHS01         |
| UCPT430   | 415  | 315 | 170 | UMF4302        | UFCP4301                  | UFCP4300          | UHS01         |
| UCPT540   | 515  | 415 | 230 | UMF5403        | UFCP5401                  | UFCP5400          | UHS01         |
| UCPT640   | 615  | 415 | 230 | UMF6403        | UFCP6401                  | UFCP6400          | UHS01         |
| UCPT750   | 735  | 535 | 270 | UMF7503        | UFCP7501                  | UFCP7500          | UHS01         |
| UCPT860   | 835  | 635 | 300 | UMF8604        | UFCP8601                  | UFCP8600          | UHS01         |
| UCPT1080  | 1035 | 835 | 300 | UMF10805       | UFCP1081                  | UFCP1080          | UHS01         |

# Wall Mounted Enclosures

## Polyester Range

### Accessories

## Steel mounting plate, UMPZ

**Description:** Steel mounting plate for UCP/UCPT enclosures.

**Material:** 2 mm galvanized steel.

**Pack quantity:** 1 piece.

| For enclosure |     | Mounting plate dimensions |     | Item no. |
|---------------|-----|---------------------------|-----|----------|
| H             | W   | h                         | w   |          |
| 315           | 215 | 250                       | 150 | UMPZ320  |
| 415           | 315 | 350                       | 250 | UMPZ430  |
| 515           | 415 | 450                       | 350 | UMPZ540  |
| 615           | 415 | 550                       | 350 | UMPZ640  |
| 735           | 535 | 650                       | 450 | UMPZ750  |
| 835           | 635 | 750                       | 550 | UMPZ860  |
| 1035          | 835 | 950                       | 750 | UMPZ1080 |



## Insulated mounting plate, UMPP-C

**Description:** Insulated mounting plate for UCP/UCPT enclosures.

**Material:** Hard paper 5 mm.

**Pack quantity:** 1 piece.

| For enclosure |     | Mounting plate dimensions |     | Item no. |
|---------------|-----|---------------------------|-----|----------|
| H             | W   | h                         | w   |          |
| 315           | 215 | 250                       | 150 | UMPP320  |
| 415           | 315 | 350                       | 250 | UMPP430  |
| 515           | 415 | 450                       | 350 | UMPP540  |
| 615           | 415 | 550                       | 350 | UMPP640  |
| 735           | 535 | 650                       | 450 | UMPP750  |
| 835           | 635 | 750                       | 550 | UMPP860  |
| 1035          | 835 | 950                       | 750 | UMPP1080 |



## Telequick mounting plate, UMPT

**Description:** Telequick mounting plate for UCP/UCPT enclosures.

**Material:** 1.5 mm perforated steel.

**Pack quantity:** 1 piece.

| For enclosure |     | Mounting plate dimensions |     | Item no. |
|---------------|-----|---------------------------|-----|----------|
| H             | W   | h                         | w   |          |
| 315           | 215 | 250                       | 150 | UMPT320  |
| 415           | 315 | 350                       | 250 | UMPT430  |
| 515           | 415 | 450                       | 350 | UMPT540  |
| 615           | 415 | 550                       | 350 | UMPT640  |
| 735           | 535 | 650                       | 450 | UMPT750  |
| 835           | 635 | 750                       | 550 | UMPT860  |
| 1035          | 835 | 950                       | 750 | UMPT1080 |



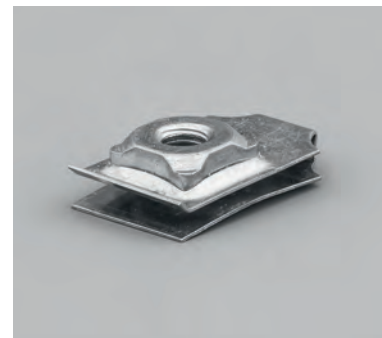
## Snap nuts for telequick plates, TN

**Description:** Nuts to be used in the telequick mounting plates.

**Pack quantity:** 50 pieces.

| Thread | Item no. |
|--------|----------|
| M 4    | TN04     |
| M 5    | TN05     |
| M 6    | TN06     |

Not suitable for AFS.



2

## Depth adjustment kit, UCD

**Description:** To provide depth adjustment for the mounting plate and other accessories.

**Pack quantity:** 4 pieces and mounting accessories.

| Item no. |
|----------|
| UCD01    |



## Mounting frame, UMF

**Description:** For easy mounting of DIN-rail components. The DIN-rails are adjustable in height.

**Material:** Galvanized steel.

**Delivery:** Vertical profiles, reinforced DIN-rails, supporting brackets and mounting accessories.

| For enclosure |     |               |                 |          |
|---------------|-----|---------------|-----------------|----------|
| H             | W   | N° of modules | N° of DIN rails | Item no. |
| 315           | 215 | 12            | 2               | UMF3202  |
| 415           | 315 | 24            | 2               | UMF4302  |
| 515           | 415 | 54            | 3               | UMF5403  |
| 615           | 415 | 54            | 3               | UMF6403  |
| 735           | 535 | 88            | 4               | UMF7503  |
| 835           | 635 | 96            | 4               | UMF8604  |
| 1035          | 835 | 180           | 5               | UMF10805 |





# Wall Mounted Enclosures

## Polyester Range

### Accessories

#### Cover plate with DIN cut-outs, UFCP-D

|                     |                                                                                                                                                                                                                                                                                                         |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b> | Front cover plate with cut-outs for DIN components. Distance between UFCP and enclosure door: 39 mm; 49 mm for UCP750 and above. Reversible mounting position, to increase the distance between UFCP and enclosure door by 30 mm. The mounting frame with DIN rails UMFxxxx must be ordered separately. |
| <b>Material:</b>    | Polyester.                                                                                                                                                                                                                                                                                              |
| <b>Finish:</b>      | RAL 7035.                                                                                                                                                                                                                                                                                               |
| <b>Delivery:</b>    | Cover plate, supporting brackets, one quarter turn fasteners and mounting accessories.                                                                                                                                                                                                                  |

| Enclosure dimensions |     | Usable depth |  | N° of modules | N° of rows | Item no. |
|----------------------|-----|--------------|--|---------------|------------|----------|
| H                    | W   | d            |  |               |            |          |
| 315                  | 215 | 125          |  | 12            | 2          | UFCP3201 |
| 415                  | 315 | 150          |  | 24            | 2          | UFCP4301 |
| 515                  | 415 | 150          |  | 54            | 3          | UFCP5401 |
| 615                  | 415 | 150          |  | 54            | 3          | UFCP6401 |
| 735                  | 535 | 150          |  | 88            | 4          | UFCP7501 |
| 835                  | 635 | 150          |  | 96            | 4          | UFCP8601 |
| 1035                 | 835 | 150          |  | 180           | 5          | UFCP1081 |



#### Frame for individual cover plates, UFCP-I

|                     |                                                                                                                                                                                                                                                                                           |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b> | Frame to be covered with individual cover plates UICP. For enclosures 600 and 800 mm wide it has 2 columns. Distance between UFCP and enclosure door: 39 mm; 49 mm for UCP750 and above. Reversible mounting position, to increase the distance between UFCP and enclosure door by 30 mm. |
| <b>Material:</b>    | Polyester.                                                                                                                                                                                                                                                                                |
| <b>Finish:</b>      | RAL 7035.                                                                                                                                                                                                                                                                                 |
| <b>Delivery:</b>    | Frame, supporting brackets, one quarter turn fasteners and mounting accessories.                                                                                                                                                                                                          |

| For enclosure |     | Frame | N° Individual cover plates | Item no. |
|---------------|-----|-------|----------------------------|----------|
| H             | W   |       |                            |          |
| 415           | 315 | F1    | 2                          | UFCP4302 |
| 515           | 415 | F1    | 3                          | UFCP5402 |
| 615           | 415 | F1    | 3                          | UFCP6402 |
| 735           | 535 | F1    | 4                          | UFCP7502 |
| 835           | 635 | F2    | 8                          | UFCP8602 |
| 1035          | 835 | F2    | 10                         | UFCP1082 |

F1= Single; F2= Double.



## Plain individual cover plate, UICP

- Description:** Individual plain cover plate to be mounted in the frame UFCP, the height of the cover is 150 mm.
- Material:** PVC.
- Finish:** RAL 7035.
- Delivery:** 1 piece with mounting accessories.

| For enclosure |           | Cover plate dimension |     | Item no. |
|---------------|-----------|-----------------------|-----|----------|
| H             | W         | h                     | w   |          |
| 415 / 835     | 315 / 635 | 150                   | 239 | UICP4300 |
| 515           | 415       | 150                   | 322 | UICP5400 |
| 615 / 1035    | 415 / 835 | 150                   | 335 | UICP6400 |
| 735           | 535       | 150                   | 423 | UICP7500 |

*UICP4300 and UICP6400 can be fixed in both enclosure sizes displayed.*



## Slotted individual cover plate, UICP-S

- Description:** Individual slotted cover plate to be mounted in the frame UFCP, the height of the cover is 150 mm.
- Material:** PVC.
- Finish:** RAL 7035.
- Delivery:** 1 piece with mounting accessories.

| For enclosure |           | Cover plate dimension |     | N° of modules | Item no. |
|---------------|-----------|-----------------------|-----|---------------|----------|
| H             | W         | h                     | w   |               |          |
| 415 / 835     | 315 / 635 | 150                   | 239 | 12            | UICP4301 |
| 515           | 415       | 150                   | 322 | 17            | UICP5401 |
| 615 / 1035    | 415 / 835 | 150                   | 335 | 18            | UICP6401 |
| 735           | 535       | 150                   | 423 | 22            | UICP7501 |

*UICP4301 and UICP6401 can be fixed in both enclosure sizes displayed.*



# Wall Mounted Enclosures

## Polyester Range

### Accessories

## Plain full cover plate, UFCP

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b> | Plain front cover plate to protect the equipment mounted in the enclosure. Distance between UFCP and enclosure door: 39 mm; 49 mm for UCP750 and above. Reversible mounting position, to increase the distance between UFCP and enclosure door by 30 mm. The cover plate can be hinged using the UHS accessory, allowing the user to gain access to components and/or cable management without having to remove the cover plate. |
| <b>Material:</b>    | Polyester.                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Finish:</b>      | RAL 7035.                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Delivery:</b>    | Cover plate, supporting brackets, one quarter turn fasteners and mounting accessories.                                                                                                                                                                                                                                                                                                                                           |

| For enclosure |     | Cover plate dimension |     | Item no. |
|---------------|-----|-----------------------|-----|----------|
| H             | W   | h                     | w   |          |
| 315           | 215 | 250                   | 122 | UFCP3200 |
| 415           | 315 | 350                   | 222 | UFCP4300 |
| 515           | 415 | 450                   | 322 | UFCP5400 |
| 615           | 415 | 550                   | 322 | UFCP6400 |
| 735           | 535 | 660                   | 422 | UFCP7500 |
| 835           | 635 | 760                   | 522 | UFCP8600 |
| 1035          | 835 | 960                   | 722 | UFCP1080 |



## Hinge support, UHS

|                                |                                                                               |
|--------------------------------|-------------------------------------------------------------------------------|
| <b>Description:</b>            | To be used with a UFCP closed cover plate if a hinged inner door is required. |
| <b>Delivery:</b>               | 2 pieces with mounting accessories.                                           |
| <b>Additional information:</b> | Not compatible with reversible mounting position of UFCP.                     |

| Item no. |
|----------|
| UHS01    |



## Wall mounting brackets, UWMB

|                       |                                                                                                                     |
|-----------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | Mounting brackets for wall fixing UCP enclosures. It gives a clearance of 20 mm between the enclosure and the wall. |
| <b>Pack quantity:</b> | 4 brackets with mounting accessories.                                                                               |

| Material             | Item no. |
|----------------------|----------|
| 304L Stainless Steel | UWMB11   |
| Polyamide            | UWMB12   |



## Enclosure pole fixation, EPF-C

|                               |                                                                                      |
|-------------------------------|--------------------------------------------------------------------------------------|
| <b>Description:</b>           | Accessory to fix enclosures onto poles. Maximum load of 900N.                        |
| <b>Material:</b>              | Galvanized steel.                                                                    |
| <b>Minimum pole diameter:</b> | 80 mm.                                                                               |
| <b>Maximum pole diameter:</b> | 250 mm.                                                                              |
| <b>Pack quantity:</b>         | 2 profiles, 2 circular mounting strips for pole attachment and mounting accessories. |

| For Enclosure (W) |                                                      |          |
|-------------------|------------------------------------------------------|----------|
| UCP               | UDP                                                  | Item no. |
| 315               |                                                      | EPF0300  |
| 415               | 500 in horizontal position                           | EPF0400  |
| 535               |                                                      | EPF0500  |
| 635               | 500 in horizontal position, 750 in vertical position | EPF0600  |
| 835               |                                                      | EPF0800  |



## Handles, UDH

|                     |                                                                                                                                                           |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b> | Handle to replace the standard lock in UCP/UCPT enclosures. For the handle UDH2C, UDH2CS and UDH3C, machining is required. UDH1C is supplied with 2 keys. |
| <b>Delivery:</b>    | 1 piece with mounting accessories.                                                                                                                        |

| Description                     | Item no. |
|---------------------------------|----------|
| Neutral handle                  | UDH0C    |
| Handle with key E2432           | UDH1C    |
| Handle for half cylinder        | UDH2C    |
| Small handle for half cylinder* | UDH2CS   |
| Handle for pad-locking          | UDH3C    |

To be used for UCP320/UCP430.



## Air ventilation grids IP 44, UPVD

|                           |                                                                                                                                                             |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>       | For ventilating the enclosures. Can be concealed if mounted on the inside panel of the double walled corner. Machining is required (hole 34.9 mm diameter). |
| <b>Material:</b>          | Polyester.                                                                                                                                                  |
| <b>Protection degree:</b> | IP 44.                                                                                                                                                      |
| <b>Pack quantity:</b>     | 2 pieces.                                                                                                                                                   |

| Item no. |
|----------|
| UPVD01   |

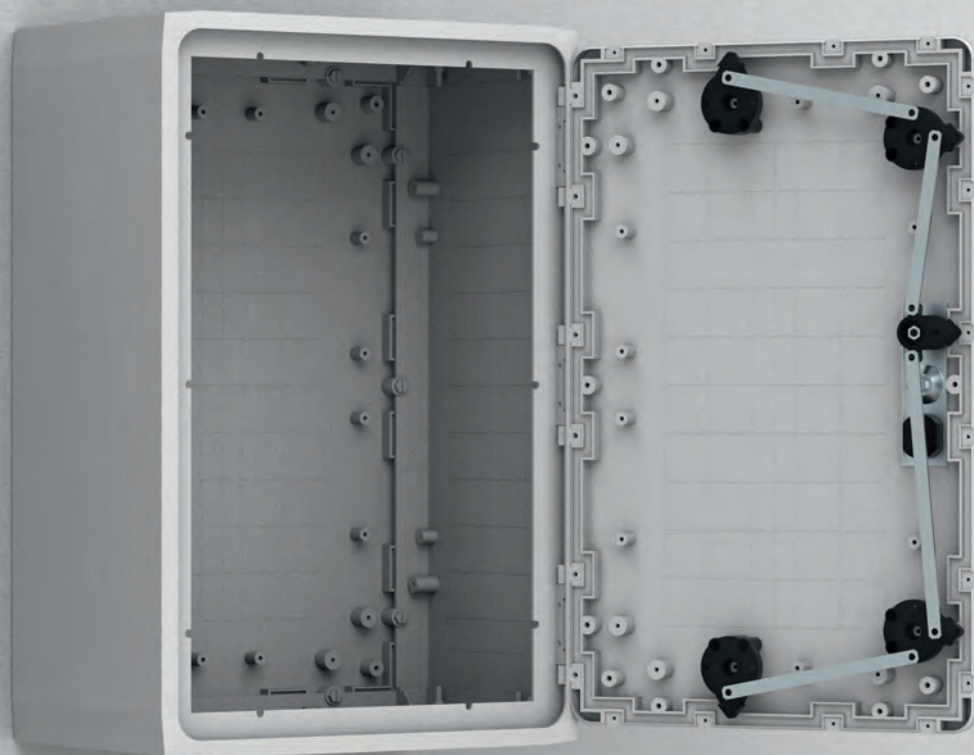


# Wall Mounted Enclosures

## Polyester Range | Polyester

### Modular, Plain / Transparent door | UDP/UDPT

IP 65/54 | TYPE 4, 4X, 12, 13 | IK 10/07



**Material:**

Fibre-glass reinforced polyester. UDPT viewing area: polycarbonate.

**Body:**

Modular moulded, with rear fixing. Direct fixing to the wall or by use of wall mounted brackets. To a pole by use of EPF, to the floor by use of the plinth UPP or DIN-base UAF and UMPS. In single plain door enclosures, sealing is ensured by an EPDM gasket glued against the frame.

**Door:**

Flush mounted door, with or without window and 100° opening. For larger sizes, a door support is supplied for easier closing. In double door enclosures, sealing is ensured by a neoprene gasket.

**Lock:**

Premounted handle, suitable for all types of half cylinder locks (standard depth of 40 mm). Five locking points (three points in 500 mm width enclosures).

**Temperature resistance:**

-25 °C to 70 °C in continuous use (peak temperatures up to 130 °C).

**Characteristics:**

Self extinguishing and halogen free. Double insulated, according to EN61439-1. Rated insulation voltage  $U_i=1000V$ .

**Protection:**

Complies with IP 65 | TYPE 4, 4X, 12, 13 for single and double door enclosures / IP 54 | TYPE 4, 4X, 12, 13 for transparent door enclosures. Impact resistance IK 10 (IK 07 for enclosures with transparent door).

**Approvals:**

CE, CSA, GOST. cULus\_UL Listed for single door enclosures. For further approvals, please contact nVent HOFFMAN's sales department.

**Finish:**

RAL 7035, precoloured raw material.

**Delivery:**

Enclosure with door, fixing screws for the mounting plate and wall mounting brackets. (Lock cylinder is not included in the delivery).



## Dimensional table | UDP/UDPT

### IP 65/54 | TYPE 4, 4X, 12, 13 | IK 10/07

#### Plain single door

| Enclosure dimensions |      |     | N° of doors | Item no.  |
|----------------------|------|-----|-------------|-----------|
| H                    | W    | D   |             |           |
| 500                  | 500  | 320 | 1           | UDP5050   |
| 500                  | 750  | 320 | 1           | UDP5075   |
| 750                  | 500  | 320 | 1           | UDP7550   |
| 750                  | 750  | 320 | 1           | UDP7575   |
| 750                  | 1000 | 320 | 1           | UDP75100  |
| 1000                 | 500  | 320 | 1           | UDP10050  |
| 1000                 | 750  | 320 | 1           | UDP10075  |
| 1000                 | 1000 | 320 | 1           | UDP100100 |
| 1250                 | 750  | 320 | 1           | UDP12575  |

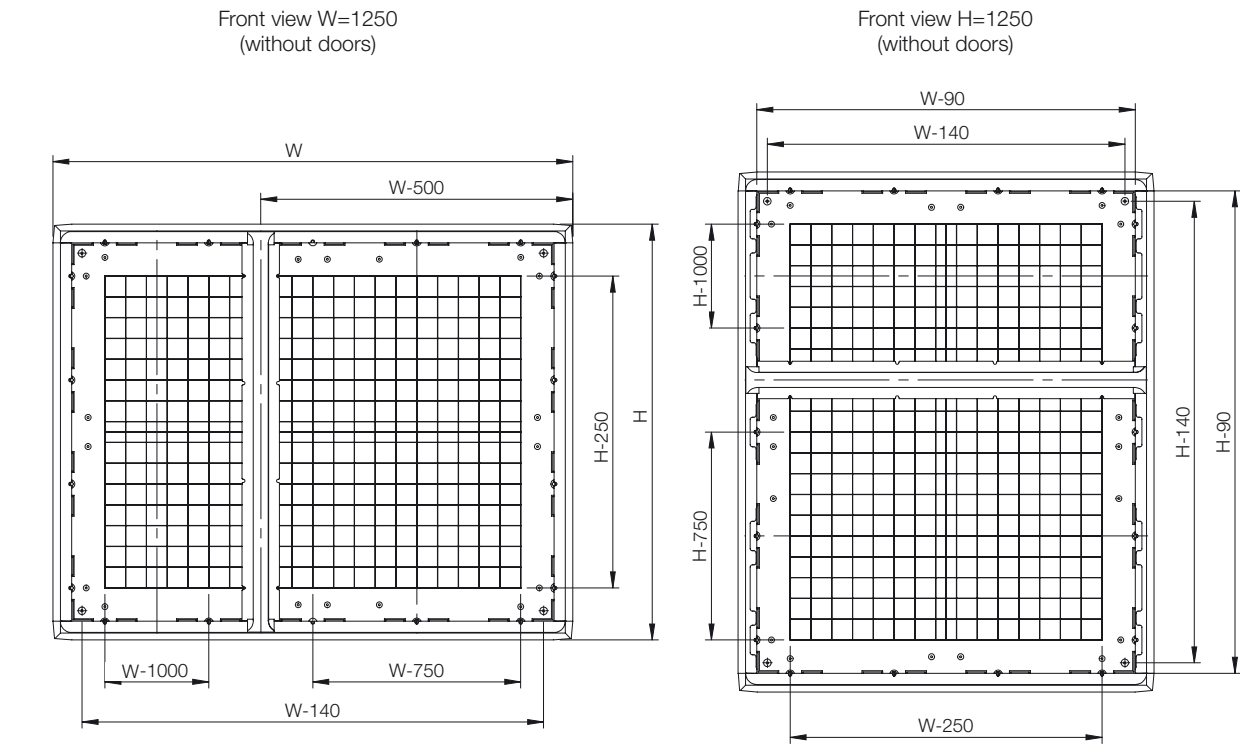
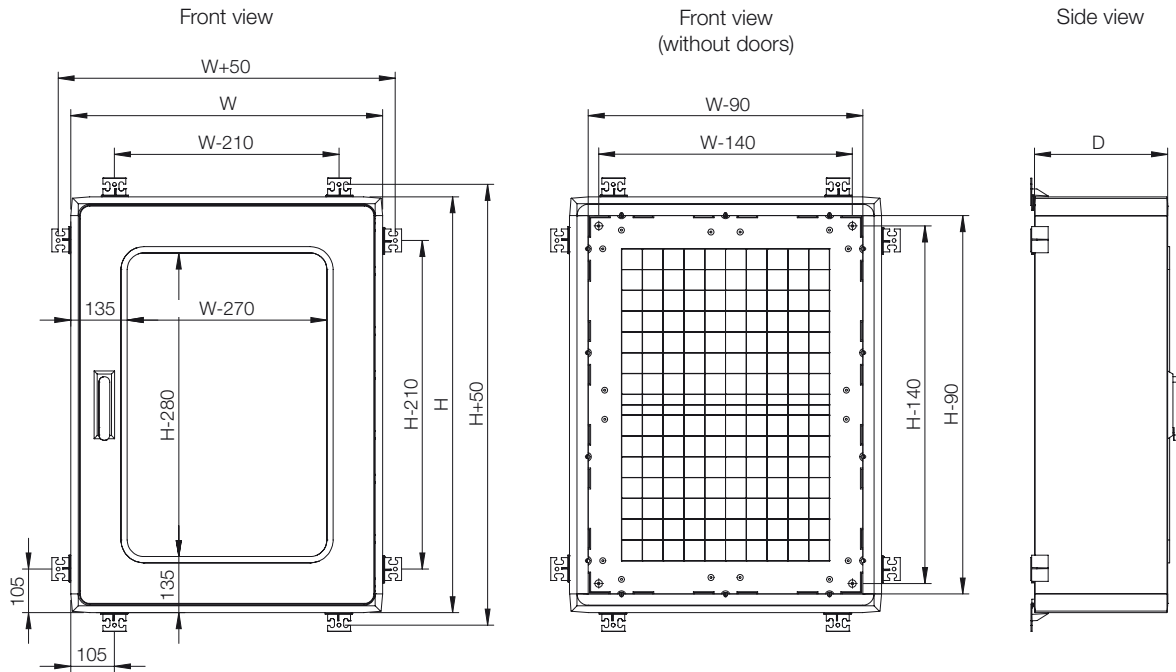
#### Plain double door

| Enclosure dimensions |           |     | N° of doors | Item no.  |
|----------------------|-----------|-----|-------------|-----------|
| H                    | W         | D   |             |           |
| 750                  | 500 + 750 | 320 | 2           | UDP75125  |
| 1000                 | 500 + 500 | 320 | 2           | UDP100102 |
| 1000                 | 500 + 750 | 320 | 2           | UDP100125 |
| 500 + 750            | 1000      | 320 | 2           | UDP125100 |
| 500 + 750            | 1000      | 320 | 2           | UDP125102 |

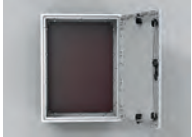
#### Transparent door

| Enclosure dimensions |     |     | N° of doors | Item no.  |
|----------------------|-----|-----|-------------|-----------|
| H                    | W   | D   |             |           |
| 500                  | 500 | 320 | 1           | UDPT5050  |
| 500                  | 750 | 320 | 1           | UDPT5075  |
| 750                  | 500 | 320 | 1           | UDPT7550  |
| 750                  | 750 | 320 | 1           | UDPT7575  |
| 1000                 | 500 | 320 | 1           | UDPT10050 |
| 1000                 | 750 | 320 | 1           | UDPT10075 |
| 1250                 | 750 | 320 | 1           | UDPT12575 |





## Accessories selection matrix | UDP/UDPT

|           |           |           |     |  |  |  |
|-----------|-----------|-----------|-----|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Enclosure |           |           |     | Mounting                                                                          |                                                                                    |                                                                                     |
|           | H         | W         | D   | Steel mounting plate                                                              | Insulated mounting plate                                                           | Mounting profiles                                                                   |
| UDP5050   | 500       | 500       | 320 | UMPZ5050                                                                          | UMPP5050                                                                           | UMF500                                                                              |
| UDP5075   | 500       | 750       | 320 | UMPZ5075                                                                          | UMPP5075                                                                           | UMF500                                                                              |
| UDP7550   | 750       | 500       | 320 | UMPZ5075                                                                          | UMPP5075                                                                           | UMF750                                                                              |
| UDP7575   | 750       | 750       | 320 | UMPZ7575                                                                          | UMPP7575                                                                           | UMF750                                                                              |
| UDP75100  | 750       | 1000      | 320 | UMPZ75100                                                                         | UMPP75100                                                                          | UMF750                                                                              |
| UDP10050  | 1000      | 500       | 320 | UMPZ100500                                                                        | UMPP10050                                                                          | UMF1000                                                                             |
| UDP10075  | 1000      | 750       | 320 | UMPZ75100                                                                         | UMPP75100                                                                          | UMF1000                                                                             |
| UDP100100 | 1000      | 1000      | 320 | UMPZ100100                                                                        | UMPP100100                                                                         | UMF1000                                                                             |
| UDP12575  | 1250      | 750       | 320 | UMPZ75125                                                                         | UMPP75125                                                                          | UMF1250                                                                             |
| UDP75125  | 750       | 500 + 750 | 320 | UMPZ75125                                                                         | UMPP75125                                                                          | UMF750                                                                              |
| UDP100102 | 1000      | 500 + 500 | 320 | UMPZ100100                                                                        | UMPP100100                                                                         | UMF1000                                                                             |
| UDP100125 | 1000      | 500 + 750 | 320 | UMPZ100125                                                                        | UMPP100125                                                                         | UMF1000                                                                             |
| UDP125100 | 500 + 750 | 1000      | 320 | UMPZ100125                                                                        | UMPP100125                                                                         | UMF1250                                                                             |
| UDP125102 | 500 + 750 | 1000      | 320 | UMPZ100125                                                                        | UMPP100125                                                                         | UMF1250                                                                             |
| UDPT5050  | 500       | 500       | 320 | UMPZ5050                                                                          | UMPP5050                                                                           | UMF500                                                                              |
| UDPT5075  | 500       | 750       | 320 | UMPZ5075                                                                          | UMPP5075                                                                           | UMF500                                                                              |
| UDPT7550  | 750       | 500       | 320 | UMPZ5075                                                                          | UMPP5075                                                                           | UMF750                                                                              |
| UDPT7575  | 750       | 750       | 320 | UMPZ7575                                                                          | UMPP7575                                                                           | UMF750                                                                              |
| UDPT10050 | 1000      | 500       | 320 | UMPZ100500                                                                        | UMPP10050                                                                          | UMF1000                                                                             |
| UDPT10075 | 1000      | 750       | 320 | UMPZ75100                                                                         | UMPP75100                                                                          | UMF1000                                                                             |
| UDPT12575 | 1250      | 750       | 320 | UMPZ75125                                                                         | UMPP75125                                                                          | UMF1250                                                                             |

|           |           |           |     |  |  |  |  |
|-----------|-----------|-----------|-----|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Enclosure |           |           |     | Fixing                                                                              |                                                                                      |                                                                                       |                                                                                       |
|           | H         | W         | D   | Pole fixation                                                                       | Adaptor frame for DIN-base                                                           | DIN-base                                                                              | Plinth                                                                                |
| UDP5050   | 500       | 500       | 320 | EPF0400/EPF0600                                                                     | -                                                                                    | -                                                                                     | UPP5032                                                                               |
| UDP5075   | 500       | 750       | 320 | EPF0600                                                                             | UAF7532                                                                              | UMPS7532                                                                              | UPP7532                                                                               |
| UDP7550   | 750       | 500       | 320 | EPF0400/EPF0600                                                                     | -                                                                                    | -                                                                                     | UPP5032                                                                               |
| UDP7575   | 750       | 750       | 320 | EPF0600                                                                             | UAF7532                                                                              | UMPS7532                                                                              | UPP7532                                                                               |
| UDP75100  | 750       | 1000      | 320 | -                                                                                   | UAF10032                                                                             | UMPS10032                                                                             | UPP10032                                                                              |
| UDP10050  | 1000      | 500       | 320 | EPF0400/EPF0600                                                                     | -                                                                                    | -                                                                                     | UPP5032                                                                               |
| UDP10075  | 1000      | 750       | 320 | EPF0600                                                                             | UAF7532                                                                              | UMPS7532                                                                              | UPP7532                                                                               |
| UDP100100 | 1000      | 1000      | 320 | -                                                                                   | UAF10032                                                                             | UMPS10032                                                                             | UPP10032                                                                              |
| UDP12575  | 1250      | 750       | 320 | EPF0600                                                                             | UAF7532                                                                              | UMPS7532                                                                              | UPP7532                                                                               |
| UDP75125  | 750       | 500 + 750 | 320 | -                                                                                   | -                                                                                    | -                                                                                     | UPP12532                                                                              |
| UDP100102 | 1000      | 500 + 500 | 320 | -                                                                                   | UAF10032                                                                             | UMPS10032                                                                             | UPP10032                                                                              |
| UDP100125 | 1000      | 500 + 750 | 320 | -                                                                                   | -                                                                                    | -                                                                                     | UPP12532                                                                              |
| UDP125100 | 500 + 750 | 1000      | 320 | -                                                                                   | UAF10032                                                                             | UMPS10032                                                                             | UPP10032                                                                              |
| UDP125102 | 500 + 750 | 1000      | 320 | -                                                                                   | UAF10032                                                                             | UMPS10032                                                                             | UPP10032                                                                              |
| UDPT5050  | 500       | 500       | 320 | EPF0400/EPF0600                                                                     | -                                                                                    | -                                                                                     | UPP5032                                                                               |
| UDPT5075  | 500       | 750       | 320 | EPF0600                                                                             | UAF7532                                                                              | UMPS7532                                                                              | UPP7532                                                                               |
| UDPT7550  | 750       | 500       | 320 | EPF0400/EPF0600                                                                     | -                                                                                    | -                                                                                     | UPP5032                                                                               |
| UDPT7575  | 750       | 750       | 320 | EPF0600                                                                             | UAF7532                                                                              | UMPS7532                                                                              | UPP7532                                                                               |
| UDPT10050 | 1000      | 500       | 320 | EPF0400/EPF0600                                                                     | -                                                                                    | -                                                                                     | UPP5032                                                                               |
| UDPT10075 | 1000      | 750       | 320 | EPF0600                                                                             | UAF7532                                                                              | UMPS7532                                                                              | UPP7532                                                                               |
| UDPT12575 | 1250      | 750       | 320 | EPF0600                                                                             | UAF7532                                                                              | UMPS7532                                                                              | UPP7532                                                                               |

|           |           |           |     |  |  |  |  |  |
|-----------|-----------|-----------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Enclosure |           |           |     | Doors                                                                             |                                                                                   | Protection                                                                         | Ventilation                                                                         | Baying                                                                              |
|           | H         | W         | D   | Inner door                                                                        | Door stop                                                                         | Rainhood                                                                           | Air ventilation grids                                                               | Depth extension kit                                                                 |
| UDP5050   | 500       | 500       | 320 | UID5050                                                                           | -                                                                                 | URH5032                                                                            | UAV01                                                                               | UDE5050                                                                             |
| UDP5075   | 500       | 750       | 320 | UID5075                                                                           | UDS01/UDS02                                                                       | URH7532                                                                            | UAV01                                                                               | UDE5075                                                                             |
| UDP7550   | 750       | 500       | 320 | UID7550                                                                           | -                                                                                 | URH5032                                                                            | UAV01                                                                               | UDE7550                                                                             |
| UDP7575   | 750       | 750       | 320 | UID7575                                                                           | UDS01/UDS02                                                                       | URH7532                                                                            | UAV01                                                                               | UDE7575                                                                             |
| UDP75100  | 750       | 1000      | 320 | -                                                                                 | UDS01/UDS02                                                                       | URH10032                                                                           | UAV01                                                                               | UDE75100                                                                            |
| UDP10050  | 1000      | 500       | 320 | UID10050                                                                          | -                                                                                 | URH5032                                                                            | UAV01                                                                               | UDE10050                                                                            |
| UDP10075  | 1000      | 750       | 320 | UID10075                                                                          | UDS01/UDS02                                                                       | URH7532                                                                            | UAV01                                                                               | UDE10075                                                                            |
| UDP100100 | 1000      | 1000      | 320 | -                                                                                 | UDS01/UDS02                                                                       | URH10032                                                                           | UAV01                                                                               | UDE100100                                                                           |
| UDP12575  | 1250      | 750       | 320 | -                                                                                 | UDS01/UDS02                                                                       | URH7532                                                                            | UAV01                                                                               | UDE12575                                                                            |
| UDP75125  | 750       | 500 + 750 | 320 | -                                                                                 | UDS01/UDS02                                                                       | URH12532                                                                           | UAV01                                                                               | UDE75125                                                                            |
| UDP100102 | 1000      | 500 + 500 | 320 | -                                                                                 | UDS01/UDS02                                                                       | URH10032                                                                           | UAV01                                                                               | UDE100100                                                                           |
| UDP100125 | 1000      | 500 + 750 | 320 | -                                                                                 | UDS01/UDS02                                                                       | URH12532                                                                           | UAV01                                                                               | UDE100125                                                                           |
| UDP125100 | 500 + 750 | 1000      | 320 | -                                                                                 | UDS01/UDS02                                                                       | URH10032                                                                           | UAV01                                                                               | UDE125100                                                                           |
| UDP125102 | 500 + 750 | 1000      | 320 | -                                                                                 | UDS01/UDS02                                                                       | URH10032                                                                           | UAV01                                                                               | UDE125100                                                                           |
| UDPT5050  | 500       | 500       | 320 | UID5050                                                                           | -                                                                                 | URH5032                                                                            | UAV01                                                                               | UDE5050                                                                             |
| UDPT5075  | 500       | 750       | 320 | UID5075                                                                           | UDS01/UDS02                                                                       | URH7532                                                                            | UAV01                                                                               | UDE5075                                                                             |
| UDPT7550  | 750       | 500       | 320 | UID7550                                                                           | -                                                                                 | URH5032                                                                            | UAV01                                                                               | UDE7550                                                                             |
| UDPT7575  | 750       | 750       | 320 | UID7575                                                                           | UDS01/UDS02                                                                       | URH7532                                                                            | UAV01                                                                               | UDE7575                                                                             |
| UDPT10050 | 1000      | 500       | 320 | UID10050                                                                          | -                                                                                 | URH5032                                                                            | UAV01                                                                               | UDE10050                                                                            |
| UDPT10075 | 1000      | 750       | 320 | UID10075                                                                          | UDS01/UDS02                                                                       | URH7532                                                                            | UAV01                                                                               | UDE10075                                                                            |
| UDPT12575 | 1250      | 750       | 320 | -                                                                                 | UDS01/UDS02                                                                       | URH7532                                                                            | UAV01                                                                               | UDE12575                                                                            |

# Wall Mounted Enclosures

## Polyester Range

### Accessories

## Steel mounting plate, UMPZ-M

**Description:** Steel mounting plate for UDP/UDPT enclosures.

**Material:** 2 mm galvanized steel.

**Pack quantity:** 1 piece.

| For enclosure |        | Mounting plate dimensions |        | Item no.   |
|---------------|--------|---------------------------|--------|------------|
| H or W        | W or H | h or w                    | w or h |            |
| 500           | 500    | 390                       | 390    | UMPZ5050   |
| 500           | 750    | 640                       | 390    | UMPZ5075   |
| 750           | 750    | 640                       | 640    | UMPZ7575   |
| 750           | 1000   | 890                       | 640    | UMPZ75100  |
| 750           | 1250   | 1140                      | 640    | UMPZ75125  |
| 1000          | 500    | 390                       | 890    | UMPZ100500 |
| 1000          | 1000   | 890                       | 890    | UMPZ100100 |
| 1000          | 1250   | 1140                      | 890    | UMPZ100125 |



## Insulated mounting plate, UMPP

**Description:** Insulated mounting plate for UDP/UDPT enclosures.

**Material:** Hard paper 5 mm.

**Pack quantity:** 1 piece.

| For enclosure |        | Mounting plate dimensions |        | Item no.   |
|---------------|--------|---------------------------|--------|------------|
| H or W        | W or H | h or w                    | w or h |            |
| 500           | 500    | 390                       | 390    | UMPP5050   |
| 500           | 750    | 640                       | 390    | UMPP5075   |
| 750           | 750    | 640                       | 640    | UMPP7575   |
| 750           | 1000   | 890                       | 640    | UMPP75100  |
| 750           | 1250   | 1140                      | 640    | UMPP75125  |
| 1000          | 500    | 390                       | 890    | UMPP10050  |
| 1000          | 1000   | 890                       | 890    | UMPP100100 |
| 1000          | 1250   | 1140                      | 890    | UMPP100125 |



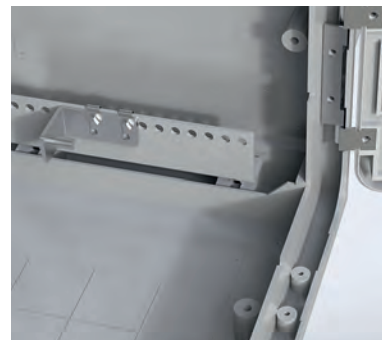
## Depth adjustment kit, UPD

**Description:** To provide depth adjustment for the mounting plate and other accessories in steps of 12.5 mm.

**Material:** Galvanized steel.

**Delivery:** 4 brackets, four depth profiles and mounting accessories.

| Item no. |
|----------|
| UPD01    |



2



# Wall Mounted Enclosures

## Polyester Range

### Accessories

## Adjustable vertical mounting profiles, UMF-A

**Description:** Vertical C-profiles fully adjustable in depth.

**Delivery:** 4 supporting brackets, 4 depth profiles, 2 vertical C-profiles and mounting accessories.

| For enclosure |                   |          |
|---------------|-------------------|----------|
| H             | Length of profile | Item no. |
| 500           | 468               | UMF500   |
| 750           | 718               | UMF750   |
| 1000          | 968               | UMF1000  |
| 1250          | 1218              | UMF1250  |



## Wall mounting brackets for enclosures with rain hood, UWB

**Description:** Wall mounting brackets for UDP enclosures with rainhood. Can be mounted in horizontal position only. Easy mounting without screws, even with the enclosure finished and closed.

**Material:** Stainless steel AISI 304.

**Delivery:** 4 brackets and four plastic clips.

| Item no. |
|----------|
| UWB02    |



## Enclosure pole fixation, EPF-M

**Description:** Accessory to fix enclosures onto poles. Maximum load of 900N.

**Material:** Galvanized steel.

**Minimum pole diameter:** 80 mm.

**Maximum pole diameter:** 250 mm.

**Pack quantity:** 2 profiles, 2 circular mounting strips for pole attachment and mounting accessories.

| For Enclosure (W) |                                                      |          |
|-------------------|------------------------------------------------------|----------|
| UCP               | UDP                                                  | Item no. |
| 415               | 500 in horizontal position                           | EPF0400  |
| 635               | 500 in horizontal position, 750 in vertical position | EPF0600  |





## Plinth / Floor mounting frame, UPP

|                     |                                                                                                                             |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b> | Enclosure and plinth are anchored together on the floor. Fixing points for anchoring are marked on the inside bottom panel. |
| <b>Material:</b>    | Glass fibre reinforced polyester.                                                                                           |
| <b>Finish:</b>      | RAL 7035.                                                                                                                   |
| <b>Delivery:</b>    | Plinth, metal braces M12, U-profiles, counter-profiles and mounting accessories.                                            |

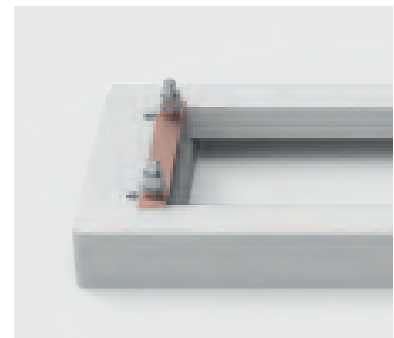
| For enclosure |     |          |          |
|---------------|-----|----------|----------|
| W             | D   | Plinth h | Item no. |
| 500           | 320 | 65       | UPP5032  |
| 750           | 320 | 65       | UPP7532  |
| 1000          | 320 | 65       | UPP10032 |
| 1250          | 320 | 65       | UPP12532 |



## Adaptor frame for DIN-base, UAF

|                     |                                                              |
|---------------------|--------------------------------------------------------------|
| <b>Description:</b> | Enclosure and adaptor frame are anchored on to the DIN-base. |
| <b>Material:</b>    | Glass fibre reinforced polyester.                            |
| <b>Finish:</b>      | RAL 7035.                                                    |
| <b>Delivery:</b>    | 1 piece with mounting accessories.                           |

| For enclosure |     |          |
|---------------|-----|----------|
| W             | D   | Item no. |
| 750           | 320 | UAF7532  |
| 1000          | 320 | UAF10032 |



## Polyester DIN-base, UMPS

|                     |                                    |
|---------------------|------------------------------------|
| <b>Description:</b> | DIN-base pedestals.                |
| <b>Material:</b>    | Glass fibre reinforced polyester.  |
| <b>Finish:</b>      | RAL 7035.                          |
| <b>Delivery:</b>    | 1 piece with mounting accessories. |

| For enclosure |      |     |           |
|---------------|------|-----|-----------|
| H             | W    | D   | Item no.  |
| 900           | 780  | 310 | UMPS7532  |
| 900           | 1110 | 310 | UMPS10032 |





# Wall Mounted Enclosures

## Polyester Range

### Accessories

## Inner door, UID

|                     |                                                                                                                                                                           |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b> | For controls, meters, lamps, etc. Hinges can be mounted to allow left or right hand opening. Lock double-bit 3 mm insert. Distance between UID and enclosure door: 48 mm. |
| <b>Material:</b>    | Glass fibre reinforced polyester.                                                                                                                                         |
| <b>Finish:</b>      | RAL 7035.                                                                                                                                                                 |
| <b>Protection:</b>  | IP 20.                                                                                                                                                                    |
| <b>Delivery:</b>    | 1 piece with mounting accessories.                                                                                                                                        |

| For enclosure |     |          |
|---------------|-----|----------|
| H             | W   | Item no. |
| 500           | 500 | UID5050  |
| 500           | 750 | UID5075  |
| 750           | 500 | UID7550  |
| 750           | 750 | UID7575  |
| 1000          | 500 | UID10050 |
| 1000          | 750 | UID10075 |



## Handles, UDH

|                     |                                    |
|---------------------|------------------------------------|
| <b>Description:</b> | Handle to replace the standard.    |
| <b>Delivery:</b>    | 1 piece with mounting accessories. |

| Description                         | Item no. |
|-------------------------------------|----------|
| For two profile half cylinder locks | UDH02    |
| For pad-locking (max dim. 10 mm)    | UDH03    |



## Profile half cylinder locks, LSSU

|                     |                                                                  |
|---------------------|------------------------------------------------------------------|
| <b>Description:</b> | Profile half cylinder locks. To be used in the swinghandles UDH. |
| <b>Delivery:</b>    | 1 piece.                                                         |

| Description                            | Item no.     |
|----------------------------------------|--------------|
| Profile half cylinder Ronis key C21323 | LSSU521      |
| Profile half cylinder Ronis key 2132E  | LSSU5212132E |
| Profile half cylinder Ronis key 3121E  | LSSU5213121E |
| Square 7mm                             | LSSU523      |
| Square 8 mm                            | LSSU524      |
| Triangle 7 mm                          | LSSU526      |
| Triangle 8 mm                          | LSSU527      |
| Double-bit 3 mm                        | LSSU528      |
| Double-bit 5 mm                        | LSSU529      |
| Daimler Benz                           | LSSU530      |

Other key numbers available on request.



## Door stop / Panel stop, UDS

**Description:** To secure the door/panel in an open position. Mounted directly to the door and body. Machining is not required.

**Material:** Steel.

**Delivery:** 1 piece with mounting accessories.

| Description   | Item no. |
|---------------|----------|
| Left turning  | UDS01    |
| Right turning | UDS02    |

Valid for enclosures starting with 750 mm width.



## Combining kit, UCK

**Description:** Kit to allow vertical and/or lateral combinations. Machining is required. UCK maintains the enclosures IP rating.

**Delivery:** Neoprene gasket, combining bolts, protection profiles and mounting accessories.

| For enclosure |     | Opening |     | Item no. |
|---------------|-----|---------|-----|----------|
| H or W        | D   | h or w  | d   |          |
| 500           | 320 | 330     | 200 | UCK500   |
| 750           | 320 | 580     | 200 | UCK750   |
| 1000          | 320 | 830     | 200 | UCK1000  |
| 1250          | 320 | 1080    | 200 | UCK1250  |



## Corner profile, UCP

**Description:** Fills the corner between two coupled enclosures. Length: 308 mm.

**Finish:** RAL 7035.

**Delivery:** 1 piece.

| Item no. |
|----------|
| UCP01    |



# Wall Mounted Enclosures

## Polyester Range

### Accessories

## Depth extension kit, UDE

- Description:

Increases the standard depth (320 mm) of the enclosure up to 640 mm. When this accessory is used the rain hood cannot be used. UDE maintains the enclosures IP rating.
- Finish:

RAL 7035.
- Delivery:

2 side panels, one top and one bottom panel, two open back panels and mounting accessories.

| For enclosure |      |           |
|---------------|------|-----------|
| H             | W    | Item no.  |
| 500           | 500  | UDE5050   |
| 500           | 750  | UDE5075   |
| 750           | 500  | UDE7550   |
| 750           | 750  | UDE7575   |
| 750           | 1000 | UDE75100  |
| 750           | 1250 | UDE75125  |
| 1000          | 500  | UDE10050  |
| 1000          | 750  | UDE10075  |
| 1250          | 750  | UDE12575  |
| 1000          | 1000 | UDE100100 |
| 1000          | 1250 | UDE100125 |
| 1250          | 1000 | UDE125100 |



## Air vents, UAV

- Description:

Two air vents must be mounted per enclosure to ensure sufficient air circulation and prevent water condensation. Air vents are preferably mounted in the upper and lower part of the enclosure. Degree protection: IP 44.
- Material:

Polyamide.
- Delivery:

Set of 2 pieces with mounting accessories.

| Item no. |
|----------|
| UAV01    |



## Rain hood, URH

- Description:** Extra protection for outdoor use. Ventilation holes can be drilled in the top of the enclosure. When mounted, the enclosure's degree of protection is IP 44.
- Material:** Glass fibre reinforced polyester.
- Finish:** RAL 7035.
- Delivery:** 1 piece with mounting accessories.
- Mounting requirements:** Rain hoods require special wall mounting brackets UWB02. Four fixing points for securing the rain hood are marked off in the top panel. The rain hood cannot be used when the enclosures are joined, some combinations are available on request. Machining is required.

| For enclosure |          |
|---------------|----------|
| W             | Item no. |
| 500           | URH5032  |
| 750           | URH7532  |
| 1000          | URH10032 |
| 1250          | URH12532 |



# Wall Mounted Enclosures

## Hygienic Design Range | Stainless Steel

### Single door | HDW

IP 66/69/69K | TYPE 4X, 12, 13 | IK08



**Material:**

Body: 1.5 mm. Door: 2 mm. AISI 304L pre-grained stainless steel. Mounting plate: 2 mm galvanized steel.

**Body:**

Monoblock body, folded and seam welded. The top of the body is equipped with a sloping roof at an angle of 30 degrees towards the front, ending with a 30 mm overhang to avoid any draining liquids from dripping onto the gasket and the door.

**Door:**

Folded with a sloping angle of 8° on all sides. Surface mounted with 120° opening. Concealed zinc plated steel hinges with captive pin. Can be mounted to give left or right hand opening (machining is not required).

**Internal hinge:**

The door hinge has been especially designed to fit concealed inside the enclosure once the door is closed, avoiding dirt deposits that would accumulate if it were outside, thus making the enclosure easy to clean.

**Gasket:**

Sealing is ensured by a one piece removable blue silicone gasket with molded corners. The silicone is FDA 21 CFR 177.2600 compliant.

**Lock:**

HD lock made of stainless steel AISI 316L with blue silicone gasket, the lock conforms with norm DIN EN 1672-2:2009.

**Mounting plate:**

Fixed onto M8 studs welded on the rear of the enclosure. All sides from 800 mm and above are strengthened by folded edges. The mounting plate is marked vertically at 10 mm intervals for easy horizontal positioning of equipment.

**Cable access:**

No gland openings as standard to avoid hygiene risks.

**Protection:**

Corresponds with IP 66/69/69K | TYPE 4X, 12, 13 | IK08.

**Finish:**

400 Pre-grained stainless steel, polished to Ra < 0.8 µm.

**Delivery:**

Enclosure with door, mounting plate, metallic key and mounting accessories.

**Additional information:**

For accessories on the outside of the enclosure please see our HD accessories section.





# Dimensional table | HDW

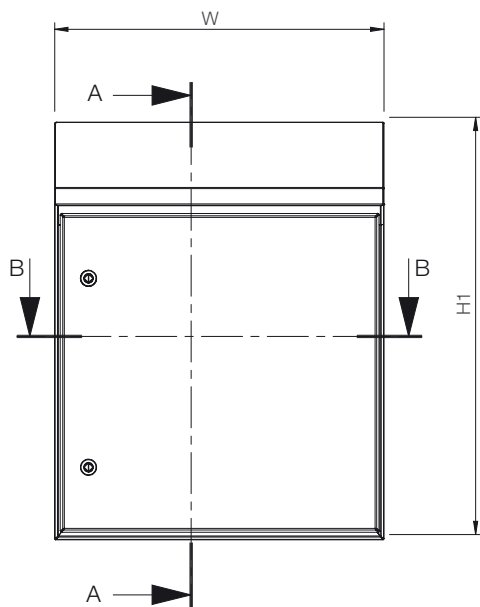
IP 66/69/69K | TYPE 4X, 12, 13 | IK08

| H Plinth | H1   | W   | D   | h    | w   | Item no.   |
|----------|------|-----|-----|------|-----|------------|
| 350      | 442  | 220 | 155 | 350  | 160 | HDW0442215 |
| 430      | 552  | 390 | 210 | 430  | 330 | HDW0553921 |
| 430      | 552  | 810 | 210 | 430  | 750 | HDW0558121 |
| 430      | 605  | 610 | 300 | 430  | 550 | HDW0606130 |
| 550      | 672  | 510 | 210 | 550  | 450 | HDW0675121 |
| 650      | 772  | 390 | 210 | 650  | 330 | HDW0773921 |
| 650      | 772  | 610 | 210 | 650  | 550 | HDW0776121 |
| 650      | 825  | 810 | 300 | 650  | 750 | HDW0828130 |
| 1050     | 1225 | 810 | 300 | 1050 | 750 | HDW1228130 |
| 1250     | 1425 | 810 | 300 | 1250 | 750 | HDW1428130 |

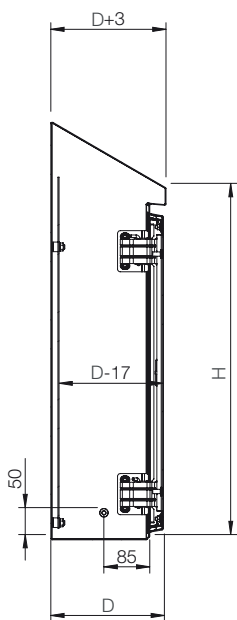




Front view

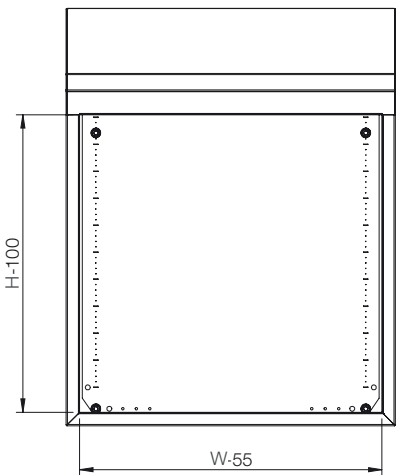


Sectional side view

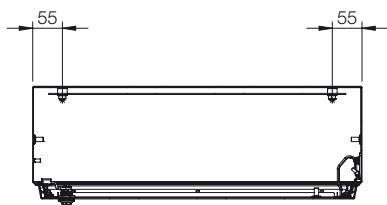


SECTION A-A

Inside enclosure view

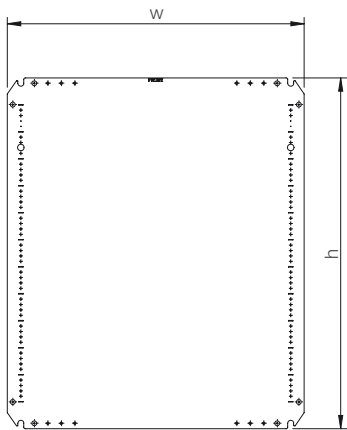


Sectional top view

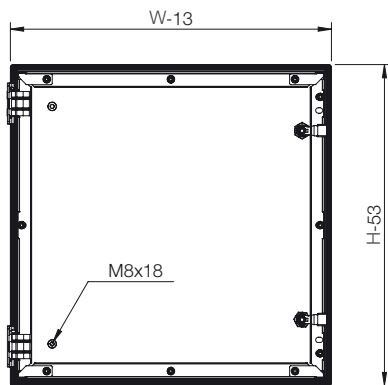


SECTION B-B

Mounting plate view



Inside door view



# Wall Mounted Enclosures

## Hygienic Design Range

### Accessories

#### Depth interior profile for HDW, DIPH

**Description:** The DIPH profile system is a 40 mm wide and 25 mm high profile to be mounted on the sides and base of HDW range enclosures. It has two rows of hole patterns and can be used in combination with the CLPK and CLPF profiles. No machining is required.

**Material:** Zinc plated Steel.

**Pack quantity:** 4 profiles with mounting accessories.

| For enclosure |              |          |
|---------------|--------------|----------|
| D             | Max. loading | Item no. |
| 210           | 150 N        | DIPH210  |
| 300           | 150 N        | DIPH300  |



#### Wall mounting brackets HD, AWHHD

**Description:** Mounting brackets for hygienic wall fixing. Provides an space between the enclosure and the wall to facilitate cleaning operations. It includes the sealing washers to guarantee the IP rating. Machining required. Design according to EHEDG standards.

**Material:** AISI 304 stainless steel. Sealing in FDA approved silicone.

**Pack quantity:** 1 bracket with mounting accessories.

| D   | Item no. |
|-----|----------|
| 50  | AWHD050  |
| 300 | AWHD300  |



#### Leveling feet HD, LFHD

**Description:** Adjustable feet for leveling enclosures placed on uneven ground. Reduce cleaning time thanks to fully covered and sealed threads. Machining required. Design according to EHEDG standards.

**Material:** AISI 304 stainless steel. Sealing in FDA approved silicone.

**Pack quantity:** 4 pieces with mounting accessories.

| Total height | Max. height | Min. height | Item no. |
|--------------|-------------|-------------|----------|
| 178 mm       | 140 mm      | 104 mm      | LFHD04   |



## Door switch for HDW, HDSW

|                                |                                                                                                                                                                 |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>            | Door switch to activate any electrical device (lighting, signalling, alarms, etc.) designed for HDW range of wall mounted enclosures. No machining is required. |
| <b>Switch capacity:</b>        | 3 A / 240 V                                                                                                                                                     |
| <b>Approvals:</b>              | CE, UKCA, cCCSAus, CCC.                                                                                                                                         |
| <b>Pack quantity:</b>          | 1 piece with mounting instructions.                                                                                                                             |
| <b>Additional information:</b> | Minimum enclosure depth 210 mm.                                                                                                                                 |

| Item no. |
|----------|
| HDSW01   |



2

## Cable glands HD, CGHD

|                       |                                                                                                                                                                          |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | Hygienic design cable fittings. Known for excellent strain relief even while providing higher protection class. Machining required. Design according to EHEDG standards. |
| <b>Material:</b>      | AISI 303 stainless steel. Sealing in FDA approved silicone.                                                                                                              |
| <b>Protection:</b>    | IP 69.                                                                                                                                                                   |
| <b>Pack quantity:</b> | 5 pieces, locknut included.                                                                                                                                              |

| Thread    | Cable Size | Item no. |
|-----------|------------|----------|
| M12 x 1.5 | 3 - 6.5    | CGHD12   |
| M16 x 1.5 | 5 - 10     | CGHD16   |
| M20 x 1.5 | 6 - 12     | CGHD20   |
| M25 x 1.5 | 12 - 17    | CGHD25   |



**Wall Mounted Enclosures**  
**EMC Range | Galvanized Steel**  
**Single door | MASE**

**IP 54 | TYPE 12 | IK 10**



**Material:**

Body: 1.2 mm zinc plated steel / 1.5 mm MASE0606021R5 and above. Door: 1.2 mm zinc plated steel / 1.5 mm MASE0606021R5 and above / 2 mm MASE1006030R5 and above. Mounting plate: 2 mm galvanized steel.

**Body:**

Folded and seam welded. Four 8.5 mm diameter holes for wall fixing, pressed out in 20.4 mm diameter x 2 mm depressions, to allow air circulation around the rear part of the enclosure.

**Door:**

Surface mounted with 130° opening. Concealed removable hinges with captive pin. Hinges are mounted for right hand opening only. From size MASE0505021R5 and above there are two removable mounting profiles on the door. Sealing is ensured by a conductive EMC gasket.

**Lock:**

Chrome plated double-bit lock, with 3 mm insert and 90° movement. 1000 mm high enclosures and above have espagnolette three point locking system.

**Mounting plate:**

The mounting plate is marked vertically at 10 mm intervals, for easy horizontal positioning of equipment. On the top and bottom are holes to facilitate cable fixing. Fixed on to M8 press welded studs to the rear of the enclosure. All sides from 800 mm and above are strengthened by folded edges. By using the AMG accessory, the mounting plate can be adjusted to any depth.

**Gland Plate Opening:**

No gland plate opening, to ensure maximum EMI protection.

**Earthing:**

The door is earthed by means of a separate earthing stud M8.

**Finish:**

RAL 7035 structured powder coating on the outside only.

**Protection:**

IP 54 | TYPE 12 | IK 10.

**Delivery:**

Zinc plated enclosure body and door, painted on the outside. Door equipped with EMI conductive gasket. Two door mounting profiles, from size MASE0505021R5 and above. Earthing facilities.



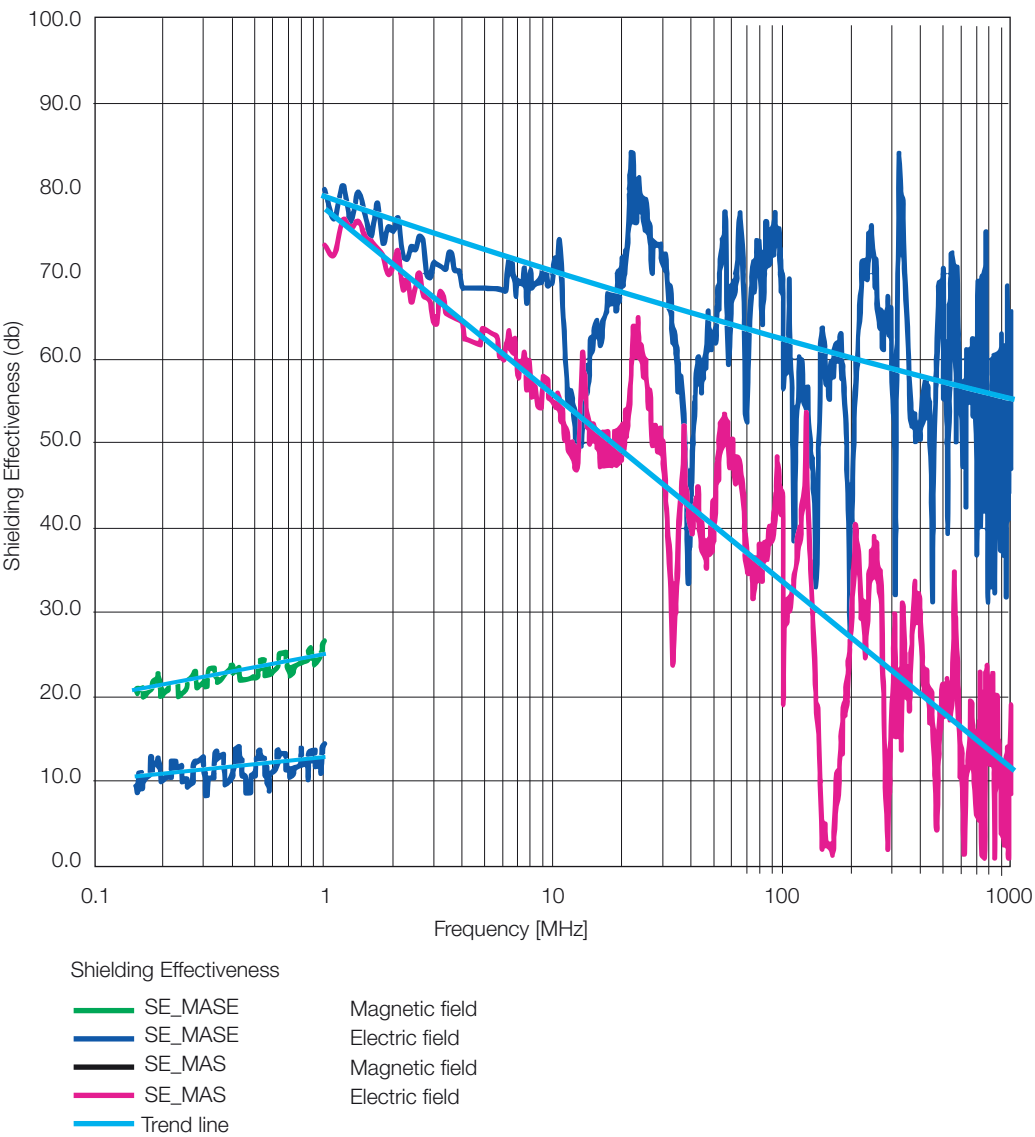
# Dimensional table | MASE

## IP 54 | TYPE 12 | IK 10

| Enclosure dimensions |     |     | Mounting plate dimensions |     | Usable depth | N° of locks | Item no.      |
|----------------------|-----|-----|---------------------------|-----|--------------|-------------|---------------|
| H                    | W   | D   | h                         | w   | d            |             |               |
| 400                  | 400 | 210 | 370                       | 350 | 192          | 1           | MASE0404021R5 |
| 400                  | 600 | 210 | 370                       | 550 | 192          | 1           | MASE0406021R5 |
| 600                  | 600 | 210 | 570                       | 550 | 192          | 2           | MASE0606021R5 |
| 1000                 | 800 | 300 | 970                       | 750 | 282          | 1*          | MASE1008030R5 |

All the MAS standard sizes are available as an EMC version on request. MASE: From 200/200/155 mm to 1200/800/400 mm. e.g. MASE0606021R5, EMC single door enclosure 600 × 600 × 210 mm. For more details please see MAS table.

# Dimensional drawing | MASE



# Wall Mounted Enclosures

## EMC Range

### Accessories

## EMC Filter fans, EFE

|                       |                                                                                                                                                                                                                                      |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | EMC capable filter fan. Special EMC screen in combination with stainless steel contact strips guarantee good contact with enclosure surface. Cutting edge surface of the enclosure needs to be blank for contact. Long service life. |
| <b>Approvals:</b>     | CE, GOST, UR, cUL.                                                                                                                                                                                                                   |
| <b>Material:</b>      | Plastic, UL 94-V0. EMC screen: stainless steel, contact strips.                                                                                                                                                                      |
| <b>Pack quantity:</b> | 1 fan with filter.                                                                                                                                                                                                                   |

230 V AC, 50/60 Hz

| Unimpeded airflow (m³/h) | EFE+EFAE Air flow (m³/h) | Filter mat (EN779) | Filtration efficiency (%) | Service life L10 (40°C)(h) | Bearing type | Item no. |
|--------------------------|--------------------------|--------------------|---------------------------|----------------------------|--------------|----------|
| 61/70                    | 44/52                    | G4                 | >90                       | 37.500                     | Sleeve       | EFE200R5 |
| 110/125                  | 82/93                    | G4                 | >90                       | 37.500                     | Sleeve       | EFE220R5 |
| 156/171                  | 116/127                  | G4                 | >90                       | 40.000                     | Ball         | EFE250R5 |
| 256/292                  | 231/265                  | G4                 | >90                       | 40.000                     | Ball         | EFE300R5 |
| 480/480                  | 370/370                  | G3                 | 80-90                     | 40.000                     | Ball         | EFE500R5 |
| 640/653                  | 445/445                  | G3                 | 80-90                     | 40.000                     | Ball         | EFE600R5 |
| 845/875                  | 560/625                  | G3                 | 80-90                     | 40.000                     | Ball         | EFE700R5 |

230 V AC, 50/60 Hz

| Noise (dB) | IP | Cut-out (mm)  | Weight (kg) | Connection     | Current (A) | Power (W) | Fuse (A) | Item no. |
|------------|----|---------------|-------------|----------------|-------------|-----------|----------|----------|
| 44         | 54 | 126,5 x 126,5 | 0.80        | Terminal strip | 0.12/0.18   | 19/18     | 6        | EFE200R5 |
| 40         | 54 | 178 x 178     | 1.05        | Terminal strip | 0.12/0.18   | 19/18     | 6        | EFE220R5 |
| 40         | 54 | 224 x 224     | 1.45        | Spring type    | 0.12/0.10   | 18/17     | 6        | EFE250R5 |
| 42         | 54 | 224 x 224     | 1.90        | Spring type    | 0.32/0.26   | 45/39     | 6        | EFE300R5 |
| 54         | 54 | 292 x 292     | 3.85        | Spring type    | 0.35/0.45   | 80/100    | 6        | EFE500R5 |
| 63         | 54 | 292 x 292     | 4.05        | Spring type    | 0.53/0.72   | 120/160   | 6        | EFE600R5 |
| 66         | 54 | 292 x 292     | 4.50        | Spring type    | 0.62/0.86   | 140/197   | 6        | EFE700R5 |

IP 55 on request



## EMC Exhaust filter, EFAE

|                       |                                                                                                            |
|-----------------------|------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | Suitable for specific EMC enclosures. Cutting edge surface of the enclosure needs to be blank for contact. |
| <b>Material:</b>      | Plastic, UL94-V0. EMC screen: stainless steel, contact strips.                                             |
| <b>Approvals:</b>     | CE, GOST, UR, cUL.                                                                                         |
| <b>Protection:</b>    | IP 54                                                                                                      |
| <b>Pack quantity:</b> | 1 filter with housing.                                                                                     |

| Filter mat (EN779) | Filtration efficiency (%) | Cut out dim.  | Depth | Item no.      |
|--------------------|---------------------------|---------------|-------|---------------|
| G4                 | >90                       | 126.5 x 126.5 | 26    | EFAE200R5     |
| G4                 | >90                       | 178 x 178     | 34    | EFAE220R5     |
| G4                 | >90                       | 224 x 224     | 38    | EFAE250-300R5 |
| G3                 | >90                       | 292 x 292     | 39    | EFAE500-700R5 |

IP 55 models on request.





# Wall Mounted Enclosures

## Hazardous Locations Range

### ZONEX, Stainless Steel, Wall Mount Enclosures, EXE-WM

|                        |                                                                                                                                                                                                                                                        |                                                                                                                                                              |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Material:</b>       | Fabricated from Type 316L stainless steel. Body: 1.5 mm / 2.0 mm for enclosures with a height of 600 mm or above. Door: 1.5 mm / 2.0 mm for enclosures with a height of 600 mm or above. Gland plate: 2.5 mm. Mounting plate: 2.0 mm galvanized steel. |                                                                                                                                                              |
| <b>Body:</b>           | M10 brass internal/external bonding provision. 2.5 mm thick wall-mounting brackets welded on the rear. M5 threads for gland plate screws provide quick and easy installation.                                                                          |                                                                                                                                                              |
| <b>Door:</b>           | Continuous seal polyurethane gasket, operating range -40 to +70 °C. Door opening 210°. Door is easily removed by pulling clip-style hinge pins. M6 inner grounding stud. Optional silicone gasket with operating range -55 to +180 °C.                 |                                                                                                                                                              |
| <b>Lock:</b>           | Type 316L stainless steel quarter-turn latch with double bit 3 mm insert.                                                                                                                                                                              |                                                                                                                                                              |
| <b>Mounting plate:</b> | Fixed onto M8 welded studs to the rear of the enclosure. Holes to facilitate cable fixing are on the top and bottom.                                                                                                                                   |                                                                                                                                                              |
| <b>Cable access:</b>   | Fabricated and formed M5 threads for gland plate screws provide quick and easy installation. Flat gasketed.                                                                                                                                            |                                                                                                                                                              |
| <b>Protection:</b>     | IP 66   TYPE 4, 4X, 12                                                                                                                                                                                                                                 |                                                                                                                                                              |
| <b>Finish:</b>         | 320 grain brushed finish.                                                                                                                                                                                                                              |                                                                                                                                                              |
| <b>Approvals:</b>      | ATEX Directive 94/9/EC<br>Sira 09ATEX3224U<br>Ex eb IIC Gb<br>Ex tb IIIC Db IP 66<br>EN60079-0:2009<br>EN60079-7:2007<br>EN61241-0:2006<br>EN61241-1:2004                                                                                              | IECEX<br>IECEX SIR 09.0099U<br>Ex eb IIC Gb<br>Ex tb IIIC Db IP 66<br>IEC 60079-0:2007-2010<br>IEC 60079-7:2006-2007<br>IEC 61241-0:2004<br>IEC 61241-1:2004 |
| <b>Delivery:</b>       | Enclosure with door, mounting plate, gland plate and mounting accessories.                                                                                                                                                                             |                                                                                                                                                              |
| <b>Note:</b>           | nVent HOFFMAN ATEX Ex e enclosures are not intended for use in explosion-proof or flame-proof applications.                                                                                                                                            |                                                                                                                                                              |



| H   | W   | D   | Gland plate opening width | Gland plate opening depth | Mounting Plate Height | Mounting Plate Width | Item no.       |
|-----|-----|-----|---------------------------|---------------------------|-----------------------|----------------------|----------------|
| 300 | 300 | 150 | 236,5                     | 73,5                      | 255                   | 255                  | EXE303015SS61E |
| 300 | 300 | 210 | 236,5                     | 133,5                     | 255                   | 255                  | EXE303021SS61E |
| 400 | 300 | 150 | 236,5                     | 73,5                      | 355                   | 255                  | EXE403015SS61E |
| 400 | 300 | 210 | 236,5                     | 133,5                     | 355                   | 255                  | EXE403021SS61E |
| 400 | 400 | 150 | 336,5                     | 73,5                      | 355                   | 355                  | EXE404015SS61E |
| 400 | 400 | 210 | 336,5                     | 133,5                     | 355                   | 355                  | EXE404021SS61E |
| 500 | 400 | 150 | 336,5                     | 73,5                      | 455                   | 355                  | EXE504015SS61E |
| 500 | 400 | 210 | 336,5                     | 133,5                     | 455                   | 355                  | EXE504021SS61E |
| 500 | 500 | 210 | 436,5                     | 133,5                     | 455                   | 455                  | EXE505021SS61E |
| 600 | 500 | 210 | 436,5                     | 133,5                     | 555                   | 455                  | EXE605021SS61E |
| 600 | 600 | 210 | 536,5                     | 133,5                     | 555                   | 555                  | EXE606021SS61E |
| 600 | 600 | 300 | 536,5                     | 223,5                     | 555                   | 555                  | EXE606030SS61E |
| 750 | 500 | 210 | 436,5                     | 133,5                     | 705                   | 455                  | EXE755021SS61E |
| 750 | 600 | 210 | 536,5                     | 133,5                     | 705                   | 555                  | EXE756021SS61E |
| 750 | 750 | 300 | 686,5                     | 223,5                     | 705                   | 705                  | EXE757530SS61E |
| 900 | 600 | 210 | 536,5                     | 133,5                     | 855                   | 555                  | EXE906021SS61E |

Note: enclosure with horizontal mounting brackets can be ordered by replacing SS61E with SS61HE in the item number.

# Wall Mounted Enclosures

## Hazardous Locations Range

### Accessories

# 02

Wall Mounted Enclosures

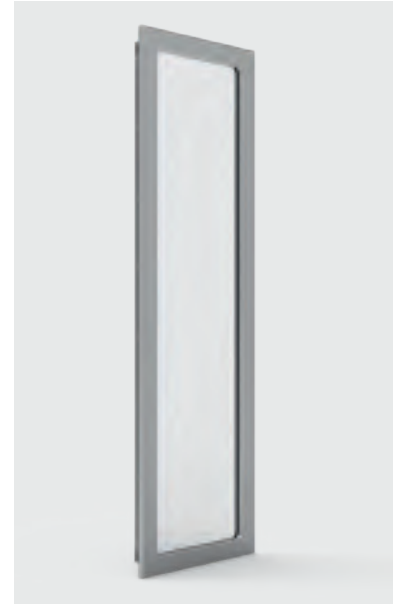
2

## Hazardous location window kits, EXWK

|                               |                                                                                                                                                                                                                                                                                                                                |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | Window kits are ideal for visibility of internal enclosure components. Secure sealing with silicone gasket to protect against water and dust ingress in extreme temperature applications.                                                                                                                                      |
| <b>Material:</b>              | Frame: Type 316 stainless steel. Gasket: Silicone. Window: Tempered safety glass, 6 mm.                                                                                                                                                                                                                                        |
| <b>Operating temperature:</b> | -55 (-67) to 180 °C (356 °F).                                                                                                                                                                                                                                                                                                  |
| <b>Protection:</b>            | IP 66   TYPE 4, 4X, 12, 3R                                                                                                                                                                                                                                                                                                     |
| <b>Approvals:</b>             | <div> <div>ATEX Directive 94/9/EC</div> <div>Sira 13ATEX3315U</div> <div>Ex e IIC Gb</div> <div>Ex tb IIIC Db IP 66</div> </div> <div> <div>IECEX</div> <div>IECEX SIR 13.0123U</div> <div>Ex e IIC Gb</div> <div>Ex tb IIIC Db IP 66</div> <div>UL 508A Component Recognized Type 4, 4X, 12, 3R; File No. E61997</div> </div> |

**Pack quantity:** 1 piece with mounting accessories.

| H   | W   | D  | Viewing area height | Viewing area width | Cutout Height | Cutout Width | Item no.    |
|-----|-----|----|---------------------|--------------------|---------------|--------------|-------------|
| 191 | 140 | 36 | 127                 | 76                 | 170           | 119          | EXWK53SS6   |
| 292 | 203 | 36 | 229                 | 140                | 272           | 183          | EXWK95SS6   |
| 241 | 343 | 36 | 178                 | 279                | 211           | 392          | EXWK711SS6  |
| 394 | 267 | 36 | 330                 | 203                | 373           | 246          | EXWK138SS6  |
| 241 | 445 | 36 | 178                 | 381                | 211           | 424          | EXWK715SS6  |
| 495 | 343 | 36 | 432                 | 279                | 475           | 322          | EXWK1711SS6 |
| 241 | 572 | 36 | 178                 | 508                | 221           | 551          | EXWK720SS6  |
| 648 | 445 | 36 | 584                 | 381                | 627           | 424          | EXWK2315SS6 |
| 241 | 673 | 36 | 178                 | 610                | 653           | 221          | EXWK724SS6  |
| 241 | 800 | 36 | 178                 | 737                | 221           | 780          | EXWK729SS6  |
| 800 | 546 | 36 | 737                 | 483                | 780           | 526          | EXWK2919SS6 |



## Hazardous location LED lights, LEDHL

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | <p>Standard LED light: Cool white lighting with colour temperature range of 6500K. Versatile mounting allows the light to be positioned horizontally or vertically with 160° rotation. 100° angle of illumination. Minimum power consumption and superior lighting with 24 VDC power input.</p> <p>Indoor/outdoor LED light: Cool white lighting with colour temperature range of 6500 K. Robust construction design for suitable outdoor applications. 360° rotation allows flexible and versatile mounting. 100° angle of illumination. Minimum power consumption and superior lighting with 12-24 VDC power input.</p> |
| <b>Operating temperature:</b> | -40 (-40) to 85 °C (185 °F).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Protection:</b>            | IP 54   IP 66 for indoor/outdoor light   Maintains enclosure Type 4, 4X rating when properly installed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Approvals:</b>             | <div>ETL Listed</div> <div>Class I Division 2, Groups A, B, C, D, T3</div> <div>Conforms To CSA.22.2 No. 137, 213, 250 Standards</div> <div>Conforms To UL 844 &amp; 1598 Standards</div> <div>Conforms to ISA-12.12-01</div>                                                                                                                                                                                                                                                                                                                                                                                             |

**Pack quantity:** 1 piece with assembly kit and 6 ft cable with flying leads.

| W    | Weight (kg) | VDC   | Amps      | Lumens | Item no.    |
|------|-------------|-------|-----------|--------|-------------|
| 344  | 0.3         | 24    | 0.33      | 558    | LEDHL24V12  |
| 636  | 0.6         | 24    | 0.66      | 1116   | LEDHL24V24  |
| 916  | 0.9         | 24    | 0.99      | 1674   | LEDHL24V36  |
| 1220 | 1.2         | 24    | 1.32      | 2256   | LEDHL24V48  |
| 88   | 1           | 12/24 | 0.66/0.35 | 459    | LEDHL24VCAN |



# Wall Mounted Enclosures

## Hazardous Locations Range

### Accessories

## Hazardous location door switch, LEDHLSW

|                               |                                                                                                                                                                                                                                                           |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | Door switch to activate any electrical device (lighting, signalling, alarms, etc.) designed for wall mounted enclosures in hazardous locations. The included 5 ft connect cable allows ease of wiring to the enclosure back panel. Machining is required. |
| <b>Switch capacity:</b>       | 30 VDC / 5 A.                                                                                                                                                                                                                                             |
| <b>Operating temperature:</b> | -40 (-40) to 90°C (194 °F).                                                                                                                                                                                                                               |
| <b>Protection:</b>            | The included hardware kit allows the door switch to easily be mounted and maintain the enclosure rating up to UL Type 4X.                                                                                                                                 |
| <b>Approvals:</b>             | Explosion Proof for Class 1, Division 2, Groups A, B, C and D. FM Approved to Standard Class 3600, 3615-1989.                                                                                                                                             |
| <b>Pack quantity:</b>         | 1 piece with mounting accessories and 5 ft connect cable.                                                                                                                                                                                                 |

| Item no.    |
|-------------|
| LEDHLSWITCH |

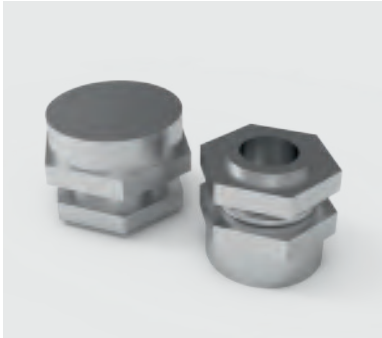


## Hazardous location breather drains

### Ex e, EXEBD

|                               |                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | Combination of drainage and breathing elements especially for use in potentially explosive atmosphere. Type of protection: Increased Safety (Ex e). Thread length: 10 mm. To be installed in a clearance hole 0.3 mm to 0.5 mm larger than major diameter of the thread size being used, or in a threaded hole. Position at the lowest point of an enclosure to ensure optimal draining of any moisture. |
| <b>Material:</b>              | Type 316 stainless steel with castellated nut and nitrile O-ring.                                                                                                                                                                                                                                                                                                                                        |
| <b>Operating temperature:</b> | -50 (-58) to 85 °C (185 °F).                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Protection:</b>            | IP 66   Maintain enclosure Type 4, 4X rating when properly installed.                                                                                                                                                                                                                                                                                                                                    |
| <b>Approvals:</b>             | Certified for Zone 1 or 2 areas<br>ATEX; Sira 13ATEX3354U<br>Ex e IIC Gb<br>Ex tb IIIC Db IP 66<br>IECEX<br>IECEX SIR 13.0138U<br>Ex e IIC Gb<br>Ex tb IIIC Db IP 66<br>cCSAus Certified Class 1 Zone 1, Ex e II, IP 66, Type 4X                                                                                                                                                                         |
| <b>Pack quantity:</b>         | 1 piece.                                                                                                                                                                                                                                                                                                                                                                                                 |

| H  | Thread | Item no.    |
|----|--------|-------------|
| 25 | M20    | EXEBDM20SS6 |
| 33 | M25    | EXEBDM25SS6 |



## Hazardous location breather drains Ex d, EXDBD

|                               |                                                                                                                                                                                                                                                                                                         |  |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Description:</b>           | Combination of drainage and breathing elements especially for use in potentially explosive atmosphere. Type of protection: Flameproof (Ex d). Thread length: 16 mm. To be installed in a threaded hole. Position at the lowest point of an enclosure to ensure optimal draining of any moisture.        |  |
| <b>Material:</b>              | Type 316 stainless steel with silicone O-ring                                                                                                                                                                                                                                                           |  |
| <b>Operating temperature:</b> | -30 (-22) to 150 °C (302 °F).                                                                                                                                                                                                                                                                           |  |
| <b>Protection:</b>            | IP 66   Maintain enclosure Type 4, 4X rating when properly installed.                                                                                                                                                                                                                                   |  |
| <b>Approvals:</b>             | <div> <div> Certified for Zone 1 or 2 areas<br/>ATEX<br/>ITS13ATEX17900X<br/>Ex d IIC Gb; Ex e IIC Gb<br/>Ex tb IIIC Db IP 66 </div> <div> IECEX; IECEX ITS 13.0049X<br/>Ex d IIC Gb<br/>Ex e IIC Gb<br/>Ex tb IIIC Db IP 66<br/>cCSAus Certified Class 1 Zone 1, Ex e II, IP 66, Type 4X </div> </div> |  |
| <b>Pack quantity:</b>         | 1 piece.                                                                                                                                                                                                                                                                                                |  |

| H  | Thread | Item no.    |
|----|--------|-------------|
| 25 | M20    | EXDBDM20SS6 |
| 33 | M25    | EXDBDM25SS6 |



## Hazardous location hole seals, EXAS

|                               |                                                                                                                                                                                                                                                         |  |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Description:</b>           | Used to seal cable entries in bare metallic, smooth-surfaced enclosures. Mount on any flat enclosure surface, 1.46 mm (0.0576 in) to 3.2 mm (0.13 in) enclosure wall thickness.                                                                         |  |
| <b>Material:</b>              | Outer plates: Type 316 stainless steel. Inner plates: Type 304 stainless steel. Gasket: Silicone.                                                                                                                                                       |  |
| <b>Operating temperature:</b> | -55 (-67) to 180 °C (356 °F).                                                                                                                                                                                                                           |  |
| <b>Protection:</b>            | Hole seals maintain an IP 66 and Type 4X rating in increased safety hazardous location.                                                                                                                                                                 |  |
| <b>Approvals:</b>             | <div> <div> ATEX<br/>Sira 14ATEX3233U<br/>Ex e IIC Gb<br/>Ex tb IIIC Db IP 66 </div> <div> IECEX<br/>IECEX SIR 14.0073U<br/>Ex e IIC Gb<br/>Ex tb IIIC Db IP 66<br/>UL 508A Component Recognized<br/>Type 4, 4X, 12, 3R; File No. E61997. </div> </div> |  |
| <b>Pack quantity:</b>         | 1 piece.                                                                                                                                                                                                                                                |  |

| Thread | Item no.   |
|--------|------------|
| M20    | EXAS050SS6 |
| M25    | EXAS075SS6 |
| M32    | EXAS100SS6 |
| M40    | EXAS125SS6 |
| M50    | EXAS150SS6 |
| M63    | EXAS200SS6 |
| M75    | EXAS250SS6 |



# Wall Mounted Enclosures

## Hazardous Locations Range

### Accessories

## Hazardous location small-volume purging/pressurization system, HLA1



|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | Small-volume type Y or Z purging/pressurization system are enclosure pressurization or purging systems that operate on a supply of compressed instrument air or inert gas. It regulates and monitors pressure within sealed (protected) enclosures to prevent combustible dust accumulation, or remove and prevent flammable gas or vapor accumulations. Available in two models for enclosures with a maximum enclosure volume of up to 2 or 10 cubic feet (0.06 or 0.28 cubic meters). Includes tamper-proof regulator with gauge (TR-10G) to comply with NFPA standard requiring protection against overpressurization. Other purposes include heat, moisture and dust contamination prevention. |
| <b>Material:</b>      | Mounting plate: Type 316 brushed stainless steel. Regulator body: Zinc with enamel finish. Enclosure pressure gauge: Aluminium with enamel finish. Polycarbonate regulator handle. Fastener hardware available in aluminium and stainless steel.                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Approvals:</b>     | <p>For A1001YZUMC1 (Volume up to 2 cubic feet)</p> <p>NEC Type Y Class I, Division 1, Groups A, B, C, D to Division 2</p> <p>NEC Type Z Class I, Division 2, Groups A, B, C, D to Unclassified</p> <p>For A1001YZUMC2 (Volume up to 10 cubic feet)</p> <p>NEC Type Y Class II, Division 1, Groups F, G to Division 2</p> <p>NEC Type Z Class II, Division 2, Groups F, G to Unclassified</p> <p>Classified by Underwriters Laboratories, cUL and Factory Mutual</p>                                                                                                                                                                                                                                 |
| <b>Requirements:</b>  | Protected enclosures should be constructed from materials, such as metal, fiberglass or polycarbonate material, to meet or exceed NEMA Type 4, Type 4X or Type 12 performance requirements.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Mounting:</b>      | Universal mount.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Pack quantity:</b> | 1 piece with mounting kit and accessories.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Note:</b>          | Pressure vent not required when inlet pressure limited to 5PSI using standard TR-10G. For inlet pressure over 5PSI order EPV-1-SA-00 or EPV-1-SA-90 separately. This system is not intended for use to protect enclosures or devices that contain ignitable concentrations of gases or vapours.                                                                                                                                                                                                                                                                                                                                                                                                     |

| H   | W   | D   | Weight (kg) | Volume | Item no.    |
|-----|-----|-----|-------------|--------|-------------|
| 229 | 229 | 127 | 3.74        | 0.06   | A1001YZUMC1 |
| 229 | 229 | 127 | 3.86        | 0.28   | A1001YZUMC2 |

## Hazardous location large-volume purging system, HLA3

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | Purging Type Y or Z assembly that operates on a supply of compressed instrument air or inert gas. It is designed to regulate and monitor pressure within one or more sealed (protected) enclosures, in order to rapidly remove and prevent flammable vapour accumulation within the enclosure(s). The system is designed to accomplish the required air exchanges and maintain a "safe" pressure on one or more protected enclosures. A Model EPV enclosure protection vent is required for proper operation. 90 cubic feet (2.55 cubic meters) maximum enclosure volume. Enclosure protection vent (90°). Rapid exchange control valve. |
| <b>Material:</b>      | System face plate and mounting plate: Type 316 stainless steel with tumble finish. Regulator body: Zinc with enamel finish. Manifold body: Anodized aluminium with Type 316 stainless steel valves. Enclosure pressure gauge: Aluminium with enamel finish. Gas supply gauge: Poly case and nickel-plated tube. Enclosure supply and enclosure reference bulkhead fittings: Type 316 stainless steel.                                                                                                                                                                                                                                    |
| <b>Approvals:</b>     | (Volume up to 90 cubic feet)<br>3003 LPS<br>NEC Type Y Class 1, Division 1, Groups A, B, C, D / Zone 1<br>Groups IIA, IIB and IIC to Division 2 / Zone 2; NEC Type Z Class I, Division 2, Groups A, B, C, D / Zone 2<br>Groups IIA, IIB and IIC to Non-hazardous; Classified by Underwriters Laboratories, NFPA 496-1993.                                                                                                                                                                                                                                                                                                                |
| <b>Requirements:</b>  | Protected enclosures should be constructed from materials such as metal, fiberglass or polycarbonate material to meet or exceed NEMA Type 4, Type 4X or Type 12 performance requirements.                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Mounting:</b>      | Two models available: Vertical mount (VM) or horizontal mount (HM).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Pack quantity:</b> | 1 piece with mounting kit and accessories.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Note:</b>          | This system is not intended for use to protect enclosures or devices that contain ignitable concentrations of gases or vapours.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |



| H   | W   | D   | Weight (kg) | Volume | Item no.  |
|-----|-----|-----|-------------|--------|-----------|
| 241 | 140 | 140 | 4.54        | 2.55   | A3003YZVM |
| 140 | 273 | 140 | 4.54        | 2.55   | A3003YZHM |

# Wall Mounted Enclosures

## Hazardous Locations Range

### Accessories

## Hazardous location large-volume ATEX purging system Type Y, Z and Ex [pz], HLA3X

|                       |                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | These products are designed to supply one or more enclosures with a protective gas supply. Enclosure protection vent (90°). Rapid exchange control valve. Explosion Proof differential pressure switch with "C" contacts for alarm.                                                                                                                                                                   |
| <b>Material:</b>      | System face plate and mounting plate: Type 316 stainless steel with tumble finish. Regulator body: Zinc with enamel finish. Manifold body: Anodized aluminium with Type 316 stainless steel valves. Enclosure pressure gauge: Aluminium with enamel finish. Gas supply gauge: Poly case and nickel-plated tube. Enclosure supply and enclosure reference bulkhead fittings: Type 316 stainless steel. |
| <b>Approvals:</b>     | (Volume up to 90 cubic feet); 3003 WPSA: Type Y System, UL and FM Certified: Class I, Division I Group; A,B,C, D/Zone 1, Groups IIB and H2 to Division 2/Zone 2; Type Z system, UL and FM Certified: Class 1, Division 2 Group; A,B,C, D/Zone 2, Groups IIB and H2 to Non-hazardous. ATEX-certified: II 3 (3) G Ex [pz] II, -29 °C ≤ Tamb. ≤ 49 °C.                                                   |
| <b>Requirements:</b>  | Protected enclosures should be constructed from materials such as metal, fiberglass or polycarbonate material to meet or exceed NEMA Type 4, Type 4X or Type 12 performance requirements.                                                                                                                                                                                                             |
| <b>Mounting:</b>      | Two models available: Vertical mount (VM) or horizontal mount (HM).                                                                                                                                                                                                                                                                                                                                   |
| <b>Pack quantity:</b> | 1 piece with mounting kit and accessories.                                                                                                                                                                                                                                                                                                                                                            |
| <b>Note:</b>          | This system is not intended for use to protect enclosures or devices that contain ignitable concentrations of gases or vapours.                                                                                                                                                                                                                                                                       |

| H   | W   | D   | Weight (kg) | Volume | Item no.     |
|-----|-----|-----|-------------|--------|--------------|
| 356 | 203 | 189 | 8.2         | 2.55   | ATEX3003YZVM |
| 203 | 361 | 189 | 8.2         | 2.55   | ATEX3003YZHM |





## Hazardous location ATEX purging/pressurization systems, HLP

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | All models utilize dry, clean inert gas supply of 60 PSI (4 bar) to 115 PSI (8 bar). Type X models provide automatic purge cycle and 4PNO/20A/440VAC power contactor with 115 VAC or 230 VAC coil. Local visual indicators provide system status.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Material:</b>              | All exterior components are 316 stainless steel or corrosion-resistant composite. Brushed 316 stainless steel finish.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Leak compensation:</b>     | Maintains positive pressure by compensating for losses. System consists of control unit and relief valve. Leak compensation models are equipped with rapid purge valve and visual purge status indicator.; ; Certification Type Y and Z models; • Flush (internal) or external mount models; • Local visual alarm indicator and dry contact output for remote alarm; • Typically recommended for enclosures with volume of 60 cubic feet or less; ; Certification Type X Model; • Provides power disconnect when pressurization is lost or not attained; • Provides automatic purge process; • External mount; • Local visual alarm indicator and dry contact output for remote alarm; • Typically recommended for enclosures with volume of 60 cubic feet or less; |
| <b>Continuous flow:</b>       | Provides positive pressure via continuous protective air flow through the enclosure. System consists of control unit, calibrated outlet orifice and relief valve.; ; Certification Type Y and Z Models; • Flush (internal) or external mount models; • Local visual alarm indicator and dry contact output for remote alarm; • Typically recommended for enclosures with volume of 17 Ft <sup>3</sup> or less. Larger enclosures can use continuous flow models, but will require longer purging times.                                                                                                                                                                                                                                                             |
| <b>Operating temperature:</b> | -20 (-4) to 55 °C (131 °F).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Approvals:</b>             | Type X: Ex [px] Ex [p]; IECEX SIR.0019X [Gb, Db]; Europe, ATEX Category 2 GD; Cert no Sira 14ATEX1045X; USA/Canada NFPA496 CI I Div 1 Groups A, B, C, D; UL E466718. Type Y: Ex [py] Ex [p]; IECEX SIR.0019X [Gb, Db]; Europe, ATEX Category 2 GD; Cert no Sira 14ATEX1045X; North America CI I Div 1 Groups A, B, C, D; For protecting CI I Div 2 equipment; UL E466718. Type Z: Ex [pz] Ex [p]; IECEX SIR.0019X [Gc, Dc]; Europe, ATEX Category 3 GD; Cert no Sira 14ATEX1045X; North America CI I Div 2 Groups A, B, C, D; UL E466718.                                                                                                                                                                                                                           |
| <b>Requirements:</b>          | Type 4, 4X and 12 (IP54 recommended minimum) enclosures.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Pack quantity:</b>         | 1 piece.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |



| Mounting type  | Certification | Item no. |
|----------------|---------------|----------|
| Flush Mount    | Y and Z       | PLCF1YZ  |
| Exterior Mount | Y and Z       | PLCB1YZ  |
| Flush Mount    | Y and Z       | PCFF1YZ  |
| Exterior Mount | Y and Z       | PCFB1YZ  |
| Exterior Mount | X (120 VAC)   | PLCS1X1  |
| Exterior Mount | X (230 VAC)   | PLCS1X2  |
| -              | -             | PLCSKIT  |
| -              | -             | PCFSKIT  |

BUILT BY  
**FULLER**  
**TANKERS**

TEL. 01291 620324

VAC  
PUMP  
ON/OFF

ENGINE  
SPEED  
ON/OFF





## 03 Terminal Boxes

### Steel Range

|                                          |     |
|------------------------------------------|-----|
| Mild steel terminal box, STB .....       | 388 |
| Stainless steel terminal box, SSTB ..... | 390 |
| Accessories .....                        | 394 |

### Aluminium Range

|                                    |     |
|------------------------------------|-----|
| Aluminium terminal box, HALP ..... | 398 |
| Accessories .....                  | 400 |

### Polyester Range

|                                    |     |
|------------------------------------|-----|
| Polyester terminal box, MGRP ..... | 402 |
| Accessories .....                  | 404 |

### ABS Range

|                                    |     |
|------------------------------------|-----|
| Small ABS terminal box, DABP ..... | 406 |
| Accessories .....                  | 409 |

|                                     |     |
|-------------------------------------|-----|
| Medium ABS terminal box, SABP ..... | 410 |
| Accessories .....                   | 413 |

|                                    |     |
|------------------------------------|-----|
| Large ABS terminal box, OABP ..... | 414 |
| Accessories .....                  | 417 |

### Polycarbonate Range

|                                              |     |
|----------------------------------------------|-----|
| Small polycarbonate terminal box, DPCP ..... | 420 |
| Accessories .....                            | 423 |
| Large polycarbonate terminal box, OPCP ..... | 424 |
| Accessories .....                            | 427 |

### Hazardous Location Range

|                                                   |     |
|---------------------------------------------------|-----|
| ZONEX, stainless steel terminal box, EXE-SB ..... | 430 |
| ZONEX, polyester terminal box, EXE-NB .....       | 431 |

# Terminal Boxes

## Steel Range

### Mild steel terminal box | STB

IP 66 | TYPE 4, 12, 13 | IK 08

**Material:**

1.2 mm mild steel.

**Body:**

Folded and seam welded. Four 8.5 mm diameter holes for wall fixing. Four M6 × 13 studs for bottom profiles / mounting plate fixation.

**Gasket:**

Sealing is ensured by an injected one piece polyurethane gasket.

**Earthing:**

M8x18 mm earthing studs in body and cover, M8 nuts, earthing washers and earthing labels.

**Protection:**

IP 66 | TYPE 4, 12, 13 | IK 08.

**Finish:**

RAL 7035, structured powder coating.

**Delivery:**

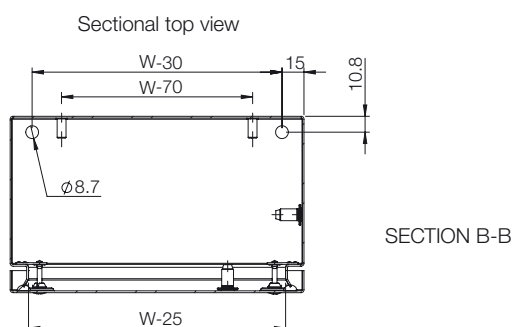
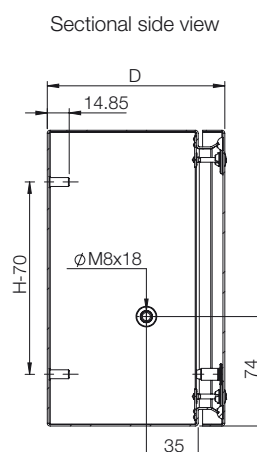
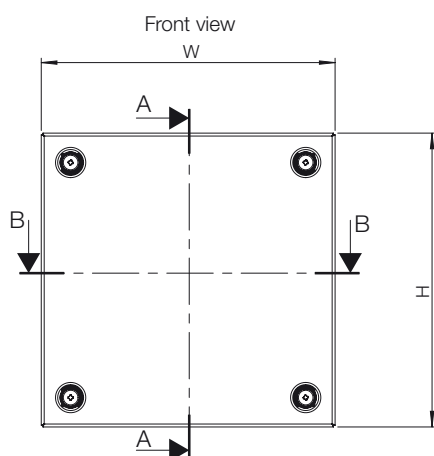
Body, cover, cover screws, fixing screws, cover plugs, and earthing facilities.



IP 66 | TYPE 4, 12, 13 | IK 08

| Box dimension |     |     | Weight (kg) | Item no.  |
|---------------|-----|-----|-------------|-----------|
| H             | W   | D   |             |           |
| 150           | 150 | 80  | 1.15        | STB151508 |
| 150           | 150 | 120 | 1.35        | STB151512 |
| 150           | 300 | 80  | 1.90        | STB153008 |
| 150           | 300 | 120 | 2.25        | STB153012 |
| 200           | 200 | 80  | 1.70        | STB202008 |
| 200           | 200 | 120 | 2.00        | STB202012 |
| 200           | 300 | 80  | 2.35        | STB203008 |
| 200           | 300 | 120 | 2.75        | STB203012 |
| 200           | 400 | 80  | 2.90        | STB204008 |
| 200           | 400 | 120 | 3.35        | STB204012 |
| 200           | 500 | 120 | 4.10        | STB205012 |
| 200           | 600 | 120 | 4.75        | STB206012 |
| 200           | 800 | 120 | 6.30        | STB208012 |
| 300           | 300 | 80  | 3.15        | STB303008 |
| 300           | 300 | 120 | 3.55        | STB303012 |
| 300           | 400 | 120 | 4.50        | STB304012 |
| 300           | 500 | 120 | 5.40        | STB305012 |
| 300           | 600 | 120 | 6.40        | STB306012 |
| 400           | 400 | 120 | 5.85        | STB404012 |
| 400           | 600 | 120 | 7.80        | STB406012 |
| 400           | 800 | 120 | 9.90        | STB408012 |

## Dimensional drawing | STB



# Terminal Boxes

## Steel Range

### Stainless steel terminal box | SSTB

IP 66 | TYPE 4X, 12, 13 | IK 08

**Material:**

AISI 304L pre-grained stainless steel / AISI 316L (on request).  
Body: 1 mm. Cover: 1.5 mm.

**Body:**

Folded and seam welded. Four M6x13 studs for bottom profile / mounting plate fixation.

**Gasket:**

For AISI 316L, sealing is ensured by an injected one piece silicone gasket.

**Earthing:**

M8x18 mm earthing studs in body and cover, M8 nuts, earthing washers and earthing labels.

**Protection:**

IP 66 | TYPE 4X, 12, 13 | IK 08.

**Finish:**

400 pre-grained stainless steel.

**Delivery:**

Body, cover, cover screws, fixing screws, cover plugs and earthing facilities.

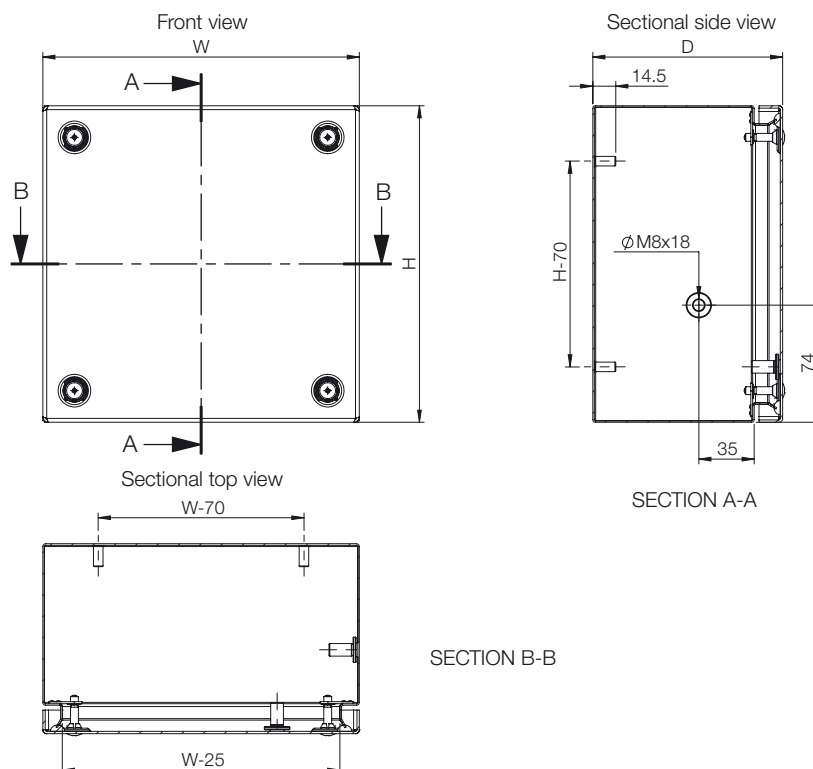


IP 66 | TYPE 4X, 12, 13 | IK 08

| Box dimension |     |     | Weight (kg) | Item no.       |
|---------------|-----|-----|-------------|----------------|
| H             | W   | D   |             |                |
| 150           | 150 | 80  | 1.10        | SSTB151508     |
| 150           | 150 | 80  | 1.10        | SSTB151508-316 |
| 150           | 150 | 120 | 1.30        | SSTB151512     |
| 150           | 150 | 120 | 1.30        | SSTB151512-316 |
| 150           | 300 | 80  | 1.80        | SSTB153008     |
| 150           | 300 | 80  | 1.80        | SSTB153008-316 |
| 150           | 300 | 120 | 2.15        | SSTB153012     |
| 150           | 300 | 120 | 2.15        | SSTB153012-316 |
| 200           | 200 | 80  | 1.65        | SSTB202008     |
| 200           | 200 | 80  | 1.65        | SSTB202008-316 |
| 200           | 200 | 120 | 1.95        | SSTB202012     |
| 200           | 200 | 120 | 1.90        | SSTB202012-316 |
| 200           | 300 | 80  | 2.25        | SSTB203008     |
| 200           | 300 | 80  | 2.25        | SSTB203008-316 |
| 200           | 300 | 120 | 2.55        | SSTB203012     |
| 200           | 300 | 120 | 2.55        | SSTB203012-316 |
| 200           | 400 | 80  | 2.80        | SSTB204008     |
| 200           | 400 | 80  | 2.80        | SSTB204008-316 |
| 200           | 400 | 120 | 3.20        | SSTB204012     |
| 200           | 400 | 120 | 3.15        | SSTB204012-316 |
| 200           | 500 | 120 | 3.90        | SSTB205012     |

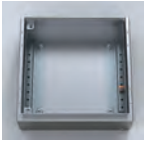
| Box dimension |     |     | Weight (kg) | Item no.       |
|---------------|-----|-----|-------------|----------------|
| H             | W   | D   |             |                |
| 200           | 500 | 120 | 3.90        | SSTB205012-316 |
| 200           | 600 | 120 | 4.60        | SSTB206012     |
| 200           | 600 | 120 | 4.55        | SSTB206012-316 |
| 200           | 800 | 120 | 5.90        | SSTB208012     |
| 200           | 800 | 120 | 5.90        | SSTB208012-316 |
| 300           | 300 | 80  | 3.05        | SSTB303008     |
| 300           | 300 | 80  | 3.05        | SSTB303008-316 |
| 300           | 300 | 120 | 3.40        | SSTB303012     |
| 300           | 300 | 120 | 3.45        | SSTB303012-316 |
| 300           | 400 | 120 | 4.25        | SSTB304012     |
| 300           | 400 | 120 | 4.30        | SSTB304012-316 |
| 300           | 500 | 120 | 5.10        | SSTB305012     |
| 300           | 500 | 120 | 5.10        | SSTB305012-316 |
| 300           | 600 | 120 | 6.10        | SSTB306012     |
| 300           | 600 | 120 | 6.10        | SSTB306012-316 |
| 400           | 400 | 120 | 5.50        | SSTB404012     |
| 400           | 400 | 120 | 5.40        | SSTB404012-316 |
| 400           | 600 | 120 | 7.65        | SSTB406012     |
| 400           | 600 | 120 | 7.55        | SSTB406012-316 |
| 400           | 800 | 120 | 9.70        | SSTB408012     |
| 400           | 800 | 120 | 9.70        | SSTB408012-316 |

## Dimensional drawing | SSTB





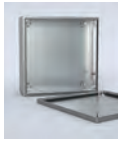
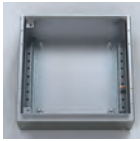
## Accessories selection matrix | STB

|           |     |     |     |  |  |  |  |  |  |
|-----------|-----|-----|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Box       |     |     |     | Mounting                                                                          |                                                                                   |                                                                                    | Fixing                                                                              |                                                                                     | Cover                                                                               |
|           | H   | W   | D   | Mounting plate                                                                    | Bottom profile                                                                    | DIN rail                                                                           | Wall mounting brackets                                                              | Pole fixation                                                                       | Hinges                                                                              |
| STB151508 | 150 | 150 | 80  | BMP1515                                                                           | BPP15                                                                             | BDR3515                                                                            | AW41                                                                                | -                                                                                   | STBH02                                                                              |
| STB151512 | 150 | 150 | 120 | BMP1515                                                                           | BPP15                                                                             | BDR3515                                                                            | AW41                                                                                | -                                                                                   | STBH02                                                                              |
| STB153008 | 150 | 300 | 80  | BMP1530                                                                           | BPP15/BPP30                                                                       | BDR3515/BDR3530                                                                    | AW41                                                                                | EPF0300                                                                             | STBH02                                                                              |
| STB153012 | 150 | 300 | 120 | BMP1530                                                                           | BPP15/BPP30                                                                       | BDR3515/BDR3530                                                                    | AW41                                                                                | EPF0300                                                                             | STBH02                                                                              |
| STB202008 | 200 | 200 | 80  | BMP2020                                                                           | BPP20                                                                             | BDR3520                                                                            | AW41                                                                                | -                                                                                   | STBH02                                                                              |
| STB202012 | 200 | 200 | 120 | BMP2020                                                                           | BPP20                                                                             | BDR3520                                                                            | AW41                                                                                | -                                                                                   | STBH02                                                                              |
| STB203008 | 200 | 300 | 80  | BMP2030                                                                           | BPP20/BPP30                                                                       | BDR3520/BDR3530                                                                    | AW41                                                                                | EPF0300                                                                             | STBH02                                                                              |
| STB203012 | 200 | 300 | 120 | BMP2030                                                                           | BPP20/BPP30                                                                       | BDR3520/BDR3530                                                                    | AW41                                                                                | EPF0300                                                                             | STBH02                                                                              |
| STB204008 | 200 | 400 | 80  | BMP2040                                                                           | BPP20/BPP40                                                                       | BDR3520/BDR3540                                                                    | AW41                                                                                | EPF0400                                                                             | STBH02                                                                              |
| STB204012 | 200 | 400 | 120 | BMP2040                                                                           | BPP20/BPP40                                                                       | BDR3520/BDR3540                                                                    | AW41                                                                                | EPF0400                                                                             | STBH02                                                                              |
| STB205012 | 200 | 500 | 120 | BMP2050                                                                           | BPP20/BPP50                                                                       | BDR3520/BDR3550                                                                    | AW41                                                                                | EPF0500                                                                             | STBH02                                                                              |
| STB206012 | 200 | 600 | 120 | BMP2060                                                                           | BPP20/BPP60                                                                       | BDR3520/BDR3560                                                                    | AW41                                                                                | EPF0600                                                                             | STBH02                                                                              |
| STB208012 | 200 | 800 | 120 | BMP2080                                                                           | BPP20/BPP80                                                                       | BDR3520/BDR3580                                                                    | AW41                                                                                | EPF0800                                                                             | STBH02                                                                              |
| STB303008 | 300 | 300 | 80  | BMP3030                                                                           | BPP30                                                                             | BDR3530                                                                            | AW41                                                                                | EPF0300                                                                             | STBH02                                                                              |
| STB303012 | 300 | 300 | 120 | BMP3030                                                                           | BPP30                                                                             | BDR3530                                                                            | AW41                                                                                | EPF0300                                                                             | STBH02                                                                              |
| STB304012 | 300 | 400 | 120 | BMP3040                                                                           | BPP30/BPP40                                                                       | BDR3530/BDR3540                                                                    | AW41                                                                                | EPF0300/EPF0400                                                                     | STBH02                                                                              |
| STB305012 | 300 | 500 | 120 | BMP3050                                                                           | BPP30/BPP50                                                                       | BDR3530/BDR3550                                                                    | AW41                                                                                | EPF0300/EPF0500                                                                     | STBH02                                                                              |
| STB306012 | 300 | 600 | 120 | BMP3060                                                                           | BPP30/BPP60                                                                       | BDR3530/BDR3560                                                                    | AW41                                                                                | EPF0300/EPF0600                                                                     | STBH02                                                                              |
| STB404012 | 400 | 400 | 120 | BMP4040                                                                           | BPP40                                                                             | BDR3540                                                                            | AW41                                                                                | EPF0400                                                                             | STBH02                                                                              |
| STB406012 | 400 | 600 | 120 | BMP4060                                                                           | BPP40/BPP60                                                                       | BDR3540/BDR3560                                                                    | AW41                                                                                | EPF0400/EPF0600                                                                     | STBH02                                                                              |
| STB408012 | 400 | 800 | 120 | BMP4080                                                                           | BPP40/BPP80                                                                       | BDR3540/BDR3580                                                                    | AW41                                                                                | EPF0400/EPF0800                                                                     | STBH02                                                                              |

# Accessories selection matrix | SSTB

# 03

Terminal Boxes

|                |     |     |     |  |  |  |  |  |  |
|----------------|-----|-----|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Box            |     |     |     | Mounting                                                                          |                                                                                   |                                                                                    | Fixing                                                                              |                                                                                     | Cover                                                                               |
|                | H   | W   | D   | Mounting plate                                                                    | Bottom profile                                                                    | DIN rail                                                                           | Wall mounting brackets                                                              | Pole fixation                                                                       | Hinges                                                                              |
| SSTB151508     | 150 | 150 | 80  | BMP1515                                                                           | BPP15                                                                             | BDR3515                                                                            | AWS41-304                                                                           | -                                                                                   | SSTBH02                                                                             |
| SSTB151508-316 | 150 | 150 | 80  | BMP1515                                                                           | BPP15                                                                             | BDR3515                                                                            | AWS41-316                                                                           | -                                                                                   | SSTBH02                                                                             |
| SSTB151512     | 150 | 150 | 120 | BMP1515                                                                           | BPP15                                                                             | BDR3515                                                                            | AWS41-304                                                                           | -                                                                                   | SSTBH02                                                                             |
| SSTB151512-316 | 150 | 150 | 120 | BMP1515                                                                           | BPP15                                                                             | BDR3515                                                                            | AWS41-316                                                                           | -                                                                                   | SSTBH02                                                                             |
| SSTB153008     | 150 | 300 | 80  | BMP1530                                                                           | BPP15/BPP30                                                                       | BDR3515/BDR3530                                                                    | AWS41-304                                                                           | EPF0300                                                                             | SSTBH02                                                                             |
| SSTB153008-316 | 150 | 300 | 80  | BMP1530                                                                           | BPP15/BPP30                                                                       | BDR3515/BDR3530                                                                    | AWS41-316                                                                           | EPF0300                                                                             | SSTBH02                                                                             |
| SSTB153012     | 150 | 300 | 120 | BMP1530                                                                           | BPP15/BPP30                                                                       | BDR3515/BDR3530                                                                    | AWS41-304                                                                           | EPF0300                                                                             | SSTBH02                                                                             |
| SSTB153012-316 | 150 | 300 | 120 | BMP1530                                                                           | BPP15/BPP30                                                                       | BDR3515/BDR3530                                                                    | AWS41-316                                                                           | EPF0300                                                                             | SSTBH02                                                                             |
| SSTB202008     | 200 | 200 | 80  | BMP2020                                                                           | BPP20                                                                             | BDR3520                                                                            | AWS41-304                                                                           | -                                                                                   | SSTBH02                                                                             |
| SSTB202008-316 | 200 | 200 | 80  | BMP2020                                                                           | BPP20                                                                             | BDR3520                                                                            | AWS41-316                                                                           | -                                                                                   | SSTBH02                                                                             |
| SSTB202012     | 200 | 200 | 120 | BMP2020                                                                           | BPP20                                                                             | BDR3520                                                                            | AWS41-304                                                                           | -                                                                                   | SSTBH02                                                                             |
| SSTB202012-316 | 200 | 200 | 120 | BMP2020                                                                           | BPP20                                                                             | BDR3520                                                                            | AWS41-316                                                                           | -                                                                                   | SSTBH02                                                                             |
| SSTB203008     | 200 | 300 | 80  | BMP2030                                                                           | BPP20/BPP30                                                                       | BDR3520/BDR3530                                                                    | AWS41-304                                                                           | EPF0300                                                                             | SSTBH02                                                                             |
| SSTB203008-316 | 200 | 300 | 80  | BMP2030                                                                           | BPP20/BPP30                                                                       | BDR3520/BDR3530                                                                    | AWS41-316                                                                           | EPF0300                                                                             | SSTBH02                                                                             |
| SSTB203012     | 200 | 300 | 120 | BMP2030                                                                           | BPP20/BPP30                                                                       | BDR3520/BDR3530                                                                    | AWS41-304                                                                           | EPF0300                                                                             | SSTBH02                                                                             |
| SSTB203012-316 | 200 | 300 | 120 | BMP2030                                                                           | BPP20/BPP30                                                                       | BDR3520/BDR3530                                                                    | AWS41-316                                                                           | EPF0300                                                                             | SSTBH02                                                                             |
| SSTB204008     | 200 | 400 | 80  | BMP2040                                                                           | BPP20/BPP40                                                                       | BDR3520/BDR3540                                                                    | AWS41-304                                                                           | EPF0400                                                                             | SSTBH02                                                                             |
| SSTB204008-316 | 200 | 400 | 80  | BMP2040                                                                           | BPP20/BPP40                                                                       | BDR3520/BDR3540                                                                    | AWS41-316                                                                           | EPF0400                                                                             | SSTBH02                                                                             |
| SSTB204012     | 200 | 400 | 120 | BMP2040                                                                           | BPP20/BPP40                                                                       | BDR3520/BDR3540                                                                    | AWS41-304                                                                           | EPF0400                                                                             | SSTBH02                                                                             |
| SSTB204012-316 | 200 | 400 | 120 | BMP2040                                                                           | BPP20/BPP40                                                                       | BDR3520/BDR3540                                                                    | AWS41-316                                                                           | EPF0400                                                                             | SSTBH02                                                                             |
| SSTB205012     | 200 | 500 | 120 | BMP2050                                                                           | BPP20/BPP50                                                                       | BDR3520/BDR3550                                                                    | AWS41-304                                                                           | EPF0500                                                                             | SSTBH02                                                                             |
| SSTB205012-316 | 200 | 500 | 120 | BMP2050                                                                           | BPP20/BPP50                                                                       | BDR3520/BDR3550                                                                    | AWS41-316                                                                           | EPF0500                                                                             | SSTBH02                                                                             |
| SSTB206012     | 200 | 600 | 120 | BMP2060                                                                           | BPP20/BPP60                                                                       | BDR3520/BDR3560                                                                    | AWS41-304                                                                           | EPF0600                                                                             | SSTBH02                                                                             |
| SSTB206012-316 | 200 | 600 | 120 | BMP2060                                                                           | BPP20/BPP60                                                                       | BDR3520/BDR3560                                                                    | AWS41-316                                                                           | EPF0600                                                                             | SSTBH02                                                                             |
| SSTB208012     | 200 | 800 | 120 | BMP2080                                                                           | BPP20/BPP80                                                                       | BDR3520/BDR3580                                                                    | AWS41-304                                                                           | EPF0800                                                                             | SSTBH02                                                                             |
| SSTB208012-316 | 200 | 800 | 120 | BMP2080                                                                           | BPP20/BPP80                                                                       | BDR3520/BDR3580                                                                    | AWS41-316                                                                           | EPF0800                                                                             | SSTBH02                                                                             |
| SSTB303008     | 300 | 300 | 80  | BMP3030                                                                           | BPP30                                                                             | BDR3530                                                                            | AWS41-304                                                                           | EPF0300                                                                             | SSTBH02                                                                             |
| SSTB303008-316 | 300 | 300 | 80  | BMP3030                                                                           | BPP30                                                                             | BDR3530                                                                            | AWS41-316                                                                           | EPF0300                                                                             | SSTBH02                                                                             |
| SSTB303012     | 300 | 300 | 120 | BMP3030                                                                           | BPP30                                                                             | BDR3530                                                                            | AWS41-304                                                                           | EPF0300                                                                             | SSTBH02                                                                             |
| SSTB303012-316 | 300 | 300 | 120 | BMP3030                                                                           | BPP30                                                                             | BDR3530                                                                            | AWS41-316                                                                           | EPF0300                                                                             | SSTBH02                                                                             |
| SSTB304012     | 300 | 400 | 120 | BMP3040                                                                           | BPP30/BPP40                                                                       | BDR3530/BDR3540                                                                    | AWS41-304                                                                           | EPF0300/EPF0400                                                                     | SSTBH02                                                                             |
| SSTB304012-316 | 300 | 400 | 120 | BMP3040                                                                           | BPP30/BPP40                                                                       | BDR3530/BDR3540                                                                    | AWS41-316                                                                           | EPF0300/EPF0400                                                                     | SSTBH02                                                                             |
| SSTB305012     | 300 | 500 | 120 | BMP3050                                                                           | BPP30/BPP50                                                                       | BDR3530/BDR3550                                                                    | AWS41-304                                                                           | EPF0300/EPF0500                                                                     | SSTBH02                                                                             |
| SSTB305012-316 | 300 | 500 | 120 | BMP3050                                                                           | BPP30/BPP50                                                                       | BDR3530/BDR3550                                                                    | AWS41-316                                                                           | EPF0300/EPF0500                                                                     | SSTBH02                                                                             |
| SSTB306012     | 300 | 600 | 120 | BMP3060                                                                           | BPP30/BPP60                                                                       | BDR3530/BDR3560                                                                    | AWS41-304                                                                           | EPF0300/EPF0600                                                                     | SSTBH02                                                                             |
| SSTB306012-316 | 300 | 600 | 120 | BMP3060                                                                           | BPP30/BPP60                                                                       | BDR3530/BDR3560                                                                    | AWS41-316                                                                           | EPF0300/EPF0600                                                                     | SSTBH02                                                                             |
| SSTB404012     | 400 | 400 | 120 | BMP4040                                                                           | BPP40                                                                             | BDR3540                                                                            | AWS41-304                                                                           | EPF0400                                                                             | SSTBH02                                                                             |
| SSTB404012-316 | 400 | 400 | 120 | BMP4040                                                                           | BPP40                                                                             | BDR3540                                                                            | AWS41-316                                                                           | EPF0400                                                                             | SSTBH02                                                                             |
| SSTB406012     | 400 | 600 | 120 | BMP4060                                                                           | BPP40/BPP60                                                                       | BDR3540/BDR3560                                                                    | AWS41-304                                                                           | EPF0400/EPF0600                                                                     | SSTBH02                                                                             |
| SSTB406012-316 | 400 | 600 | 120 | BMP4060                                                                           | BPP40/BPP60                                                                       | BDR3540/BDR3560                                                                    | AWS41-316                                                                           | EPF0400/EPF0600                                                                     | SSTBH02                                                                             |
| SSTB408012     | 400 | 800 | 120 | BMP4080                                                                           | BPP40/BPP80                                                                       | BDR3540/BDR3580                                                                    | AWS41-304                                                                           | EPF0400/EPF0800                                                                     | SSTBH02                                                                             |
| SSTB408012-316 | 400 | 800 | 120 | BMP4080                                                                           | BPP40/BPP80                                                                       | BDR3540/BDR3580                                                                    | AWS41-316                                                                           | EPF0400/EPF0800                                                                     | SSTBH02                                                                             |

# Terminal Boxes

## Steel Range

### Accessories

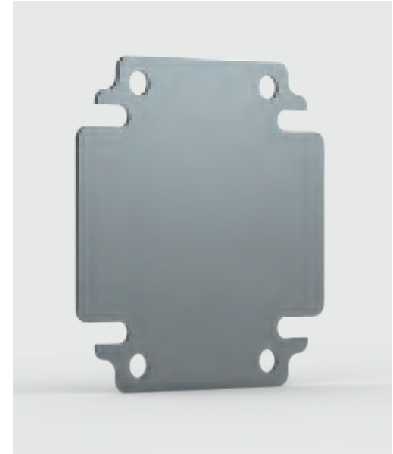
## Mounting plate, BMP

**Description:** Steel mounting plate for terminal boxes.

**Material:** 2 mm galvanized steel.

**Pack quantity:** 1 piece.

| Box dimension |     | Mounting plate dimensions |     | Item no. |
|---------------|-----|---------------------------|-----|----------|
| H             | W   | h                         | w   |          |
| 150           | 150 | 125                       | 120 | BMP1515  |
| 150           | 300 | 125                       | 270 | BMP1530  |
| 200           | 200 | 175                       | 170 | BMP2020  |
| 200           | 300 | 175                       | 270 | BMP2030  |
| 200           | 400 | 175                       | 370 | BMP2040  |
| 200           | 500 | 175                       | 470 | BMP2050  |
| 200           | 600 | 180                       | 570 | BMP2060  |
| 200           | 800 | 180                       | 770 | BMP2080  |
| 300           | 300 | 275                       | 270 | BMP3030  |
| 300           | 400 | 275                       | 370 | BMP3040  |
| 300           | 500 | 275                       | 470 | BMP3050  |
| 300           | 600 | 280                       | 570 | BMP3060  |
| 400           | 400 | 375                       | 370 | BMP4040  |
| 400           | 600 | 380                       | 570 | BMP4060  |
| 400           | 800 | 380                       | 770 | BMP4080  |



## Spacer bolts for terminal boxes, AMTE-TB

**Description:** For depth adjustment of the mounting plate. Metric thread M6.

**Material:** Zinc plated steel.

| Length | Pack quantity | Item no. |
|--------|---------------|----------|
| 10     | 50            | AMTE6010 |
| 20     | 50            | AMTE6020 |
| 30     | 50            | AMTE6030 |
| 40     | 20            | AMTE6040 |
| 50     | 20            | AMTE6050 |



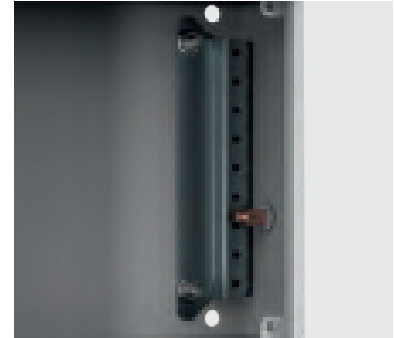
## Bottom profile, BPP

**Description:** Bottom profile for DIN rail mounting.

**Material:** Galvanized steel.

**Pack quantity:** 2 pieces.

| For box |          |
|---------|----------|
| H/W     | Item no. |
| 150     | BPP15    |
| 200     | BPP20    |
| 300     | BPP30    |
| 400     | BPP40    |
| 500     | BPP50    |
| 600     | BPP60    |
| 800     | BPP80    |



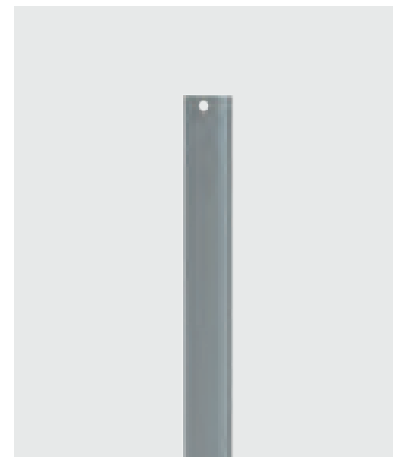
## DIN rail, BDR

**Description:** DIN rail 35 mm for terminal boxes.

**Material:** Galvanized steel.

**Pack quantity:** 5 pieces.

| For box |          |
|---------|----------|
| H/W     | Item no. |
| 150     | BDR3515  |
| 200     | BDR3520  |
| 300     | BDR3530  |
| 400     | BDR3540  |
| 500     | BDR3550  |
| 600     | BDR3560  |
| 800     | BDR3580  |



# Terminal Boxes

## Steel Range

### Accessories

#### Wall mounting brackets, AW-TB

|                       |                                                                                                     |
|-----------------------|-----------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | Mounting brackets for safe wall fixing. It includes the sealing washers to guarantee the IP rating. |
| <b>Material:</b>      | 3 mm zinc plated steel.                                                                             |
| <b>Pack quantity:</b> | 4 brackets with mounting accessories.                                                               |
|                       |                                                                                                     |
| <b>Item no.</b>       |                                                                                                     |
| AW41                  |                                                                                                     |



#### Wall mounting brackets, AWS-TB

|                          |                                                                                                                                               |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>      | Mounting brackets for safe wall fixing. It includes the sealing washers to guarantee the IP rating. In stainless steel machining is required. |
| <b>Pack quantity:</b>    | 4 brackets with mounting accessories.                                                                                                         |
|                          |                                                                                                                                               |
| <b>Material</b>          | <b>Item no.</b>                                                                                                                               |
| 3 mm stainless steel 304 | AWS41-304                                                                                                                                     |
| 3 mm stainless steel 316 | AWS41-316                                                                                                                                     |



#### Enclosure pole fixation, EPF-TB

|                               |                                                                                      |
|-------------------------------|--------------------------------------------------------------------------------------|
| <b>Description:</b>           | Accessory to fix enclosures onto poles. Maximum load of 900N.                        |
| <b>Material:</b>              | Galvanized steel.                                                                    |
| <b>Minimum pole diameter:</b> | 80 mm.                                                                               |
| <b>Maximum pole diameter:</b> | 250 mm.                                                                              |
| <b>Pack quantity:</b>         | 2 profiles, 2 circular mounting strips for pole attachment and mounting accessories. |
|                               |                                                                                      |
| <b>For Enclosure (W)</b>      |                                                                                      |
| <b>STB, SSTB</b>              | <b>Item no.</b>                                                                      |
| 300                           | EPF0300                                                                              |
| 400                           | EPF0400                                                                              |
| 500                           | EPF0500                                                                              |
| 600                           | EPF0600                                                                              |
| 800                           | EPF0800                                                                              |



## Hinges, STBH

**Description:** Using this accessory the cover can be hinged. Machining is required.

**Material:** Zinc plated steel.

**Pack quantity:** Set of 2 hinges with mounting accessories.

| Item no. |
|----------|
| STBH02   |



## Hinges, SSTBH

**Description:** Using this accessory the cover can be hinged. Machining is required.

**Material:** Stainless steel.

**Pack quantity:** Set of 2 hinges with mounting accessories.

| Item no. |
|----------|
| SSTBH02  |



# Terminal Boxes

## Aluminium Range

### Aluminium terminal box | HALP

IP 66, 67 | IK 08/09

**Material:**

Aluminium alloy EN AC-47100.

**Gasket:**

Standard supply fitted with a polyurethane gasket. Silicone, neoprene and EPDM gaskets are available on request.

**Temperature resistance:**

-30 °C to +80 °C.

**Protection:**

IP 66, 67 | IK 09, 08 for HALP050503GE.

**Finish:**

RAL 7001.

**Approvals:**

CE, GOST. For cULus\_UL Listed approvals, please contact our sales department.

**Delivery:**

Body and cover are manufactured from aluminum, cover screws are made of stainless steel.

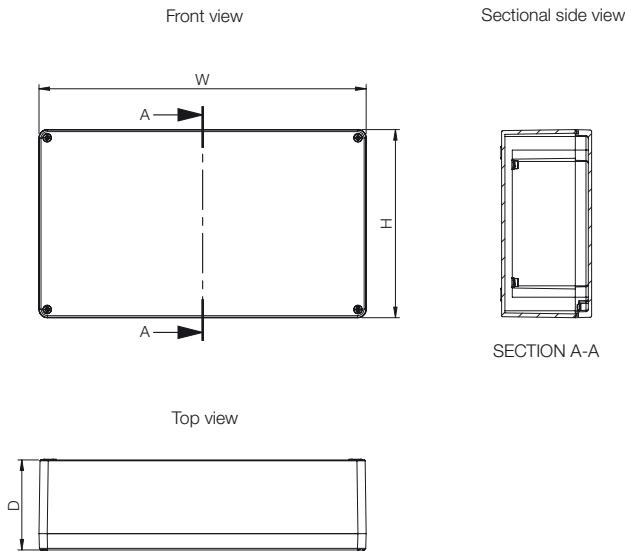




IP 66, 67 | IK 08/09

| Box dimension |     |     |             |                |                 |                        |                           |              |
|---------------|-----|-----|-------------|----------------|-----------------|------------------------|---------------------------|--------------|
| H             | W   | D   | Weight (kg) | Body thickness | Cover thickness | Number of cover screws | Thread for mounting plate | Item no.     |
| 45            | 50  | 30  | 0.10        | 3              | 2               | 2                      | -                         | HALP050503GE |
| 64            | 58  | 36  | 0.15        | 3.5            | 3               | 4                      | -                         | HALP060604GE |
| 64            | 98  | 36  | 0.25        | 3.5            | 3               | 4                      | -                         | HALP061004GE |
| 64            | 150 | 36  | 0.35        | 3.5            | 3               | 4                      | -                         | HALP061504GE |
| 80            | 75  | 57  | 0.30        | 3.5            | 2.5             | 4                      | M4                        | HALP080806GE |
| 80            | 125 | 57  | 0.45        | 3.5            | 2.6             | 4                      | M4                        | HALP081306GE |
| 80            | 175 | 57  | 0.55        | 3.5            | 2.5             | 4                      | M4                        | HALP081806GE |
| 80            | 250 | 57  | 0.70        | 3.5            | 2.5             | 4                      | M4                        | HALP082506GE |
| 122           | 122 | 80  | 0.90        | 4.1            | 3.7             | 4                      | M6                        | HALP121208GE |
| 122           | 122 | 90  | 1.00        | 4.1            | 4               | 4                      | M6                        | HALP121209GE |
| 122           | 220 | 80  | 1.35        | 4              | 4               | 4                      | M6                        | HALP122208GE |
| 122           | 220 | 90  | 1.45        | 4              | 4               | 4                      | M6                        | HALP122209GE |
| 122           | 360 | 80  | 1.80        | 4.1            | 3.7             | 4                      | M6                        | HALP123608GE |
| 160           | 160 | 90  | 1.55        | 4.1            | 3.7             | 4                      | M6                        | HALP161609GE |
| 160           | 260 | 90  | 2.10        | 4              | 4               | 4                      | M6                        | HALP162609GE |
| 160           | 360 | 90  | 2.70        | 4.1            | 3.7             | 4                      | M6                        | HALP163609GE |
| 160           | 560 | 90  | 4.05        | 4              | 4               | 6                      | M6                        | HALP165609GE |
| 230           | 200 | 110 | 2.60        | 4.1            | 4.1             | 4                      | M6                        | HALP232011GE |
| 230           | 330 | 110 | 3.70        | 4.1            | 3.7             | 4                      | M6                        | HALP233311GE |
| 230           | 330 | 180 | 5.10        | 4.5            | 3.7             | 4                      | M6                        | HALP233318GE |
| 230           | 400 | 110 | 4.15        | 4.1            | 3.7             | 4                      | M6                        | HALP234011GE |
| 230           | 600 | 110 | 6.00        | 4              | 4               | 6                      | M6                        | HALP236011GE |

Dimensional drawing | HALP



# Terminal Boxes

## Aluminium Range

### Accessories

## HALP Mounting plate, HMP

Description:

Steel mounting plate for HALP boxes.

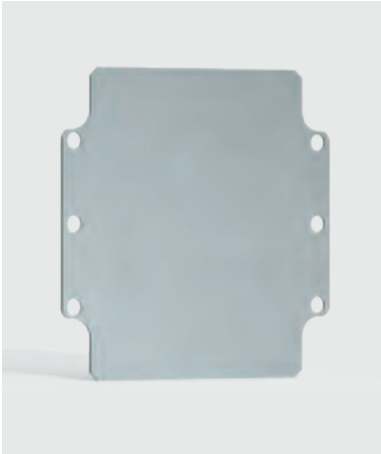
Material:

1.5 mm galvanized steel, 2.5 mm for HMP1656E and HMP2360E.

Pack quantity:

1 piece.

| Box dimension |     | Mounting plate dimensions |     | Item no. |
|---------------|-----|---------------------------|-----|----------|
| H             | W   | h                         | w   |          |
| 64            | 58  | 54                        | 48  | HMP0606E |
| 64            | 98  | 54                        | 88  | HMP0610E |
| 64            | 150 | 54                        | 140 | HMP0615E |
| 80            | 75  | 69                        | 64  | HMP0808E |
| 80            | 125 | 69                        | 114 | HMP0813E |
| 80            | 175 | 69                        | 164 | HMP0818E |
| 80            | 250 | 69                        | 239 | HMP0825E |
| 122           | 122 | 108                       | 107 | HMP1212E |
| 122           | 220 | 108                       | 204 | HMP1222E |
| 122           | 360 | 108                       | 343 | HMP1236E |
| 160           | 160 | 145                       | 143 | HMP1616E |
| 160           | 260 | 145                       | 243 | HMP1626E |
| 160           | 360 | 145                       | 343 | HMP1636E |
| 160           | 560 | 145                       | 543 | HMP1656E |
| 230           | 200 | 214                       | 183 | HMP2320E |
| 230           | 330 | 214                       | 313 | HMP2333E |
| 230           | 400 | 214                       | 383 | HMP2340E |
| 230           | 600 | 214                       | 583 | HMP2360E |



## Hinges, HHI

Description:

Using this accessory the cover can be hinged. 150° opening. Machining is required.

Material:

Aluminium.

For box:

HHI02: HALP080806GE to HALP082506GE.  
HHI03: HALP121208GE to HALP236011GE.

Pack quantity:

Set of 2 hinges in HHI02, and 3 hinges in HHI03. Mounting accessories are included.

| Item no. |
|----------|
| HHI02    |
| HHI03    |

Internal hinges available on request.





# Terminal Boxes

## Polyester Range

### Polyester terminal box | MGRP

IP 66, 67 | IK 07/08

**Description:**

Polyester box. Suitable for outdoor use, UV-resistant according to UL746 C.

**Material:**

Glass fibre reinforced polyester.

**Gasket:**

Standard supply fitted with a polyurethane gasket. Silicone, neoprene and EPDM gaskets are available on request.

**Temperature resistance:**

-40 °C to +100 °C with the standard polyurethane gasket; -60 °C to +130 °C with the silicone gasket; -35 °C to +100 °C with the EPDM gasket; -30 °C to +80 °C with the neoprene gasket.

**Flammability:**

UL94 V-0.

**Protection:**

IP 66, 67 | IK 08, 07 for MGRP08080xGE.

**Finish:**

RAL 7000.

**Approvals:**

CE, GOST. For cULus\_UL Listed approvals, please contact our sales department.

**Delivery:**

Body, cover and cover screws. Cover screws made of stainless steel.

**Note:**

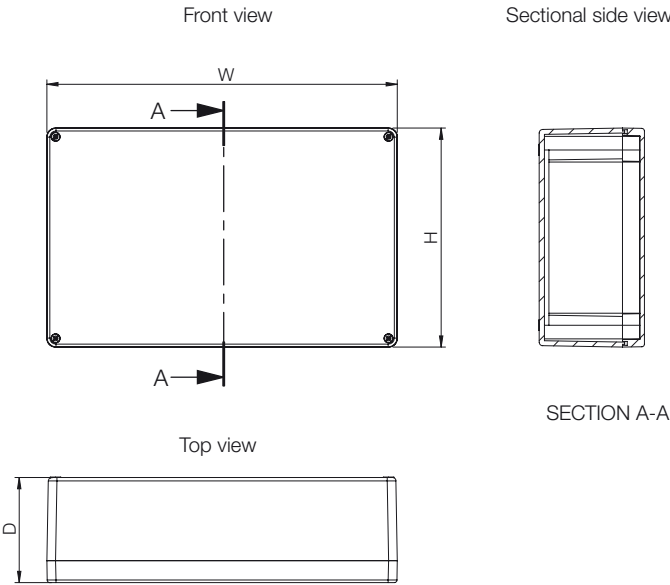
Mounting plate, GMP, and hinges, HHI, are available separately.



IP 66, 67 | IK 07/08

| Box dimension |     |     | Weight (kg) | Body thickness | Cover thickness | Number of cover screws | Item no.     |
|---------------|-----|-----|-------------|----------------|-----------------|------------------------|--------------|
| H             | W   | D   |             |                |                 |                        |              |
| 75            | 80  | 55  | 0.25        | 3.5            | 4               | 4                      | MGRP080806GE |
| 75            | 80  | 75  | 0.30        | 3.5            | 4               | 4                      | MGRP080808GE |
| 75            | 110 | 55  | 0.30        | 3.5            | 4               | 4                      | MGRP081106GE |
| 75            | 110 | 75  | 0.35        | 3.5            | 4               | 4                      | MGRP081108GE |
| 75            | 160 | 55  | 0.40        | 3.5            | 4               | 4                      | MGRP081606GE |
| 75            | 160 | 75  | 0.50        | 3.5            | 4               | 4                      | MGRP081608GE |
| 75            | 190 | 55  | 0.45        | 3.5            | 4               | 4                      | MGRP081906GE |
| 75            | 190 | 75  | 0.55        | 3.5            | 4               | 4                      | MGRP081908GE |
| 120           | 122 | 90  | 0.75        | 4.5            | 5               | 4                      | MGRP121209GE |
| 120           | 220 | 90  | 1.10        | 4.5            | 4               | 4                      | MGRP122209GE |
| 160           | 160 | 90  | 1.30        | 6              | 5               | 4                      | MGRP161609GE |
| 160           | 260 | 90  | 1.85        | 6              | 5               | 4                      | MGRP162609GE |
| 160           | 360 | 90  | 2.30        | 6              | 5               | 4                      | MGRP163609GE |
| 160           | 560 | 90  | 3.35        | 6              | 5               | 6                      | MGRP165609GE |
| 250           | 255 | 120 | 2.80        | 6              | 5               | 4                      | MGRP252612GE |
| 250           | 400 | 120 | 4.00        | 6              | 5               | 4                      | MGRP254012GE |
| 405           | 400 | 120 | 5.25        | 6              | 5               | 4                      | MGRP414012GE |

Dimensional drawing | MGRP





# Terminal Boxes

## Polyester Range

### Accessories

## MGRP Mounting plate, GMP

**Description:** Mounting plate for MGRP boxes.

**Material:** 1.5 mm galvanized steel, 2.5 mm from GMP1656E.

**Pack quantity:** 1 piece.

| For box |     | Mounting plate dimensions |     | Item no. |
|---------|-----|---------------------------|-----|----------|
| H       | W   | h                         | w   |          |
| 75      | 80  | 64                        | 69  | GMP0808E |
| 75      | 110 | 64                        | 98  | GMP0811E |
| 75      | 160 | 64                        | 148 | GMP0816E |
| 75      | 190 | 64                        | 178 | GMP0819E |
| 120     | 122 | 107                       | 108 | GMP1212E |
| 120     | 220 | 107                       | 206 | GMP1222E |
| 160     | 160 | 144                       | 144 | GMP1616E |
| 160     | 260 | 144                       | 244 | GMP1626E |
| 160     | 360 | 144                       | 344 | GMP1636E |
| 160     | 560 | 144                       | 543 | GMP1656E |
| 250     | 255 | 233                       | 238 | GMP2526E |
| 250     | 400 | 233                       | 383 | GMP2540E |
| 405     | 400 | 390                       | 385 | GMP4140E |



## Hinges, HHI

**Description:** Using this accessory the cover can be hinged. 150° opening. Machining is required.

**Material:** Aluminium.

**For box:** MGRP121209GE to MGRP414012GE.

**Pack quantity:** Set of 3 hinges. Mounting accessories are included.

| Item no. |
|----------|
| HHI03    |







# Terminal Boxes

## ABS Range

### Small ABS terminal box | DABP

IP 66,67 | IK 06/07

**Description:**

ABS box, halogen-free, suitable for indoor use. Low UV radiation resistance.

**Material:**

ABS. Transparent cover: polycarbonate.

**Gasket:**

Polyurethane gasket integrated in the box cover.

**Temperature resistance:**

-40 °C to +60 °C.

**Flammability:**

UL94 HB.

**Protection:**

IP 66, 67 | IK 06 (-25 °C), IK 07 (+35 °C).

**Finish:**

RAL 7035.

**Delivery:**

Body, cover, cover screws manufactured from stainless steel, mounting screws and cover plugs made from polyamide.

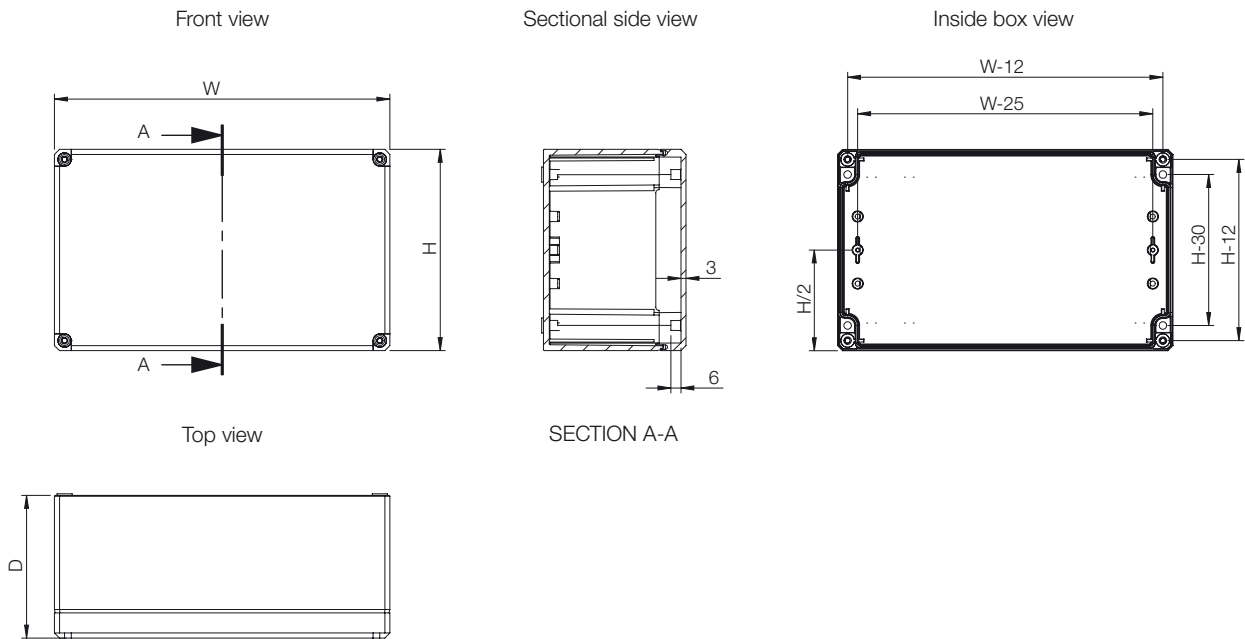


IP 66,67 | IK 06/07

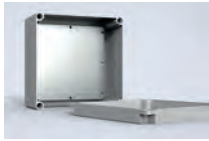
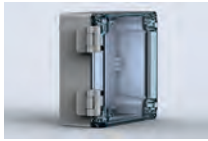
| Box dimension |     |     | Inner depth (mm) | Weight (kg) | Item no.     |
|---------------|-----|-----|------------------|-------------|--------------|
| H             | W   | D   |                  |             |              |
| 53            | 55  | 36  | 27.5             | 0.50        | DABP050504GE |
| 53            | 65  | 36  | 25               | 0.80        | DABP050704GE |
| 80            | 82  | 56  | 42               | 0.10        | DABP080806GE |
| 80            | 82  | 86  | 72               | 0.10        | DABP080809GE |
| 80            | 120 | 56  | 42               | 0.15        | DABP081206GE |
| 80            | 120 | 86  | 72               | 0.20        | DABP081209GE |
| 80            | 160 | 56  | 42               | 0.20        | DABP081606GE |
| 80            | 160 | 86  | 72               | 0.20        | DABP081609GE |
| 120           | 122 | 56  | 42               | 0.20        | DABP121206GE |
| 120           | 122 | 86  | 72               | 0.25        | DABP121209GE |
| 120           | 160 | 91  | 77               | 0.35        | DABP121609GE |
| 120           | 200 | 86  | 72               | 0.35        | DABP122009GE |
| 150           | 200 | 76  | 62               | 0.40        | DABP152008GE |
| 160           | 240 | 91  | 77               | 0.55        | DABP162409GE |
| 160           | 240 | 121 | 107              | 0.70        | DABP162412GE |
| 230           | 300 | 86  | 72               | 0.85        | DABP233009GE |
| 230           | 300 | 111 | 97               | 1.00        | DABP233011GE |

Note: Terminal box, with polycarbonate transparent cover fitted, can be ordered by replacing GE with TE in the item number.

## Dimensional drawing | DABP



## Accessories selection matrix | DABP

|              |     |     |     |  |  |  |  |
|--------------|-----|-----|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Box          |     |     |     | Mounting                                                                          |                                                                                   | Fixing                                                                             | Cover                                                                               |
|              | H   | W   | D   | Mounting plate                                                                    | DIN rail                                                                          | Wall mounting brackets                                                             | Hinges                                                                              |
| DABP050504GE | 53  | 55  | 36  | -                                                                                 | -                                                                                 | DFL1E                                                                              | DSHI1E                                                                              |
| DABP050704GE | 53  | 65  | 36  | -                                                                                 | -                                                                                 | DFL1E                                                                              | DSHI1E                                                                              |
| DABP080806GE | 80  | 82  | 56  | DMP0808E                                                                          | DR350584E                                                                         | DFL1E                                                                              | DSHI1E                                                                              |
| DABP080809GE | 80  | 82  | 86  | DMP0808E                                                                          | DR350584E                                                                         | DFL1E                                                                              | DSHI1E                                                                              |
| DABP081206GE | 80  | 120 | 56  | DMP0812E                                                                          | DR350964E                                                                         | DFL1E                                                                              | DSHI1E                                                                              |
| DABP081209GE | 80  | 120 | 86  | DMP0812E                                                                          | DR350964E                                                                         | DFL1E                                                                              | DSHI1E                                                                              |
| DABP081606GE | 80  | 160 | 56  | DMP0816E                                                                          | DR351364E                                                                         | DFL1E                                                                              | DSHI1E                                                                              |
| DABP081609GE | 80  | 160 | 86  | DMP0816E                                                                          | DR351364E                                                                         | DFL1E                                                                              | DSHI1E                                                                              |
| DABP121206GE | 120 | 122 | 56  | DMP1212E                                                                          | DR350964E                                                                         | DFL1E                                                                              | DSHI1E                                                                              |
| DABP121209GE | 120 | 122 | 86  | DMP1212E                                                                          | DR350964E                                                                         | DFL1E                                                                              | DSHI1E                                                                              |
| DABP121609GE | 120 | 160 | 91  | DMP1216E                                                                          | DR351364E                                                                         | DFL1E                                                                              | DSHI1E                                                                              |
| DABP122009GE | 120 | 200 | 86  | DMP1220E                                                                          | DR351764E                                                                         | DFL1E                                                                              | DSHI1E                                                                              |
| DABP152008GE | 150 | 200 | 76  | DMP1520E                                                                          | DR351604E                                                                         | DFL1E                                                                              | DSHI1E                                                                              |
| DABP162409GE | 160 | 240 | 91  | DMP1624E                                                                          | DR352154E                                                                         | DFL1E                                                                              | DSHI1E                                                                              |
| DABP162412GE | 160 | 240 | 121 | DMP1624E                                                                          | DR352154E                                                                         | DFL1E                                                                              | DSHI1E                                                                              |
| DABP233009GE | 230 | 300 | 86  | DMP2330E                                                                          | DR352754E                                                                         | DFL1E                                                                              | DSHI1E                                                                              |
| DABP233011GE | 230 | 300 | 111 | DMP2330E                                                                          | DR352754E                                                                         | DFL1E                                                                              | DSHI1E                                                                              |

## Mounting plate, DMP

**Description:** Steel mounting plate for DABP/DPCP boxes.

**Material:** 1.5 mm galvanized steel.

**Pack quantity:** 1 piece.

| For box |     | Mounting plate dimensions |     |          |
|---------|-----|---------------------------|-----|----------|
| H       | W   | h                         | w   | Item no. |
| 80      | 82  | 55                        | 68  | DMP0808E |
| 80      | 120 | 65                        | 93  | DMP0812E |
| 80      | 160 | 65                        | 133 | DMP0816E |
| 120     | 122 | 105                       | 95  | DMP1212E |
| 120     | 160 | 105                       | 132 | DMP1216E |
| 120     | 200 | 105                       | 172 | DMP1220E |
| 150     | 200 | 133                       | 172 | DMP1520E |
| 160     | 240 | 145                       | 213 | DMP1624E |
| 230     | 300 | 210                       | 285 | DMP2330E |



## Terminal Boxes

### ABS Range

### Accessories

#### DIN rail, DR

**Description:** DIN rail 35 mm for DABP/DPCP boxes.

**Material:** Galvanized steel.

**Pack quantity:** 1 piece.

| For box |           |
|---------|-----------|
| W       | Item no.  |
| 82      | DR350584E |
| 120/122 | DR350964E |
| 160     | DR351364E |
| 200 *   | DR351604E |
| 200 **  | DR351764E |
| 250     | DR352154E |
| 300     | DR352754E |

\* DABP152008GE and DPCP152008GE

\*\* DABP122009GE and DPCP122009GE



3

#### Wall mounting brackets, DFL

**Description:** Mounting brackets for wall fixing.

**Material:** Polycarbonate.

**Finish:** RAL 7035.

**Pack quantity:** 4 brackets with mounting accessories.

| Item no. |
|----------|
| DFL1E    |



#### Hinges, DSHI

**Description:** Using this accessory the cover can be hinged. Machining is required.

**Material:** Polycarbonate.

**Finish:** RAL 7035.

**Pack quantity:** Set of 2 hinges with mounting accessories.

| Item no. |
|----------|
| DSHI1E   |



# Terminal Boxes

## ABS Range

### Medium ABS terminal box | SABP

IP 66,67 | IK 06/07

**Description:**

ABS box, halogen-free, suitable for indoor use. Low UV radiation resistance.

**Material:**

ABS. Transparent cover: polycarbonate.

**Gasket:**

Polyurethane gasket integrated in the box cover.

**Temperature resistance:**

-40 °C to +60 °C.

**Flammability:**

UL94 HB.

**Protection:**

IP 66, 67 | IK 06 (-25 °C), IK 07 (+35 °C).

**Finish:**

RAL 7035.

**Delivery:**

Body, cover, cover screws manufactured from polyamide and mounting screws.

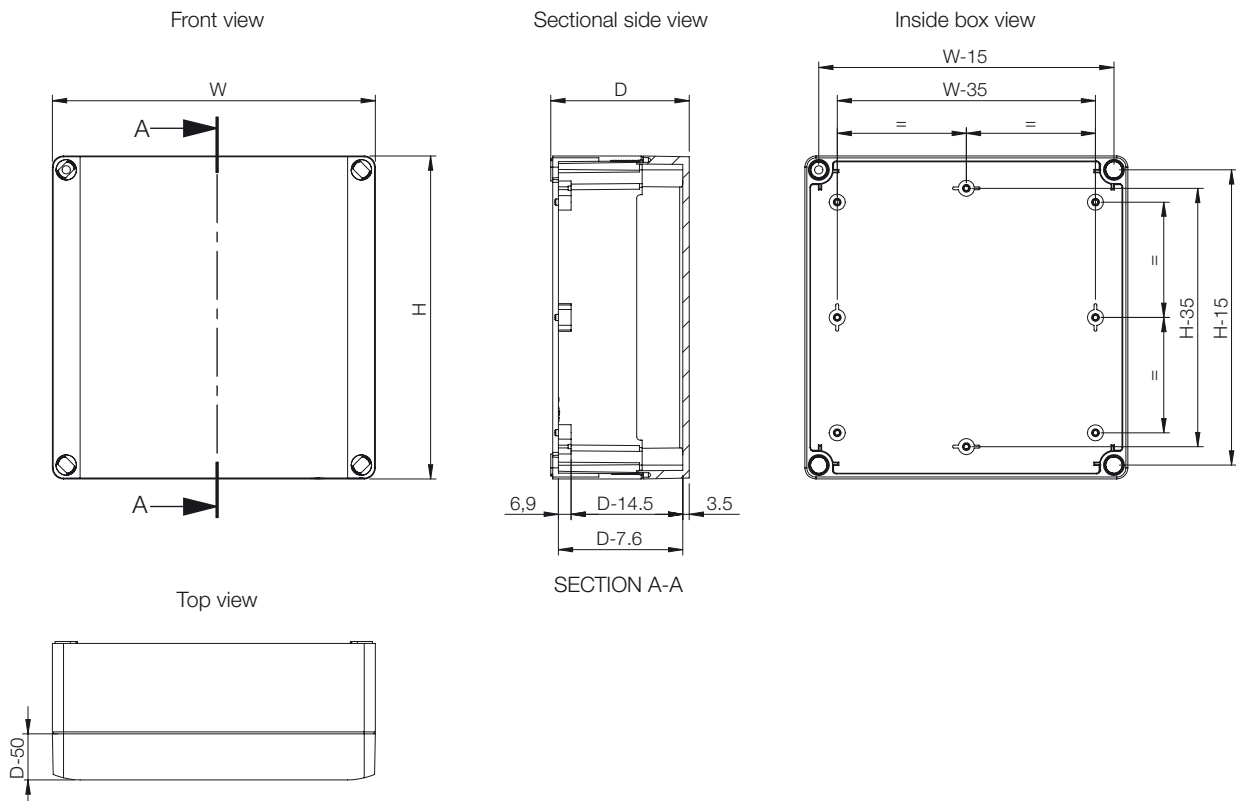


IP 66,67 | IK 06/07

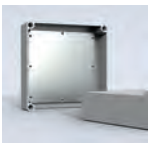
| Box dimension |     |     | Inner depth (mm) | Weight (kg) | Item no.     |
|---------------|-----|-----|------------------|-------------|--------------|
| H             | W   | D   |                  |             |              |
| 75            | 125 | 75  | 60.5             | 0.20        | SABP081308GE |
| 75            | 125 | 100 | 85.5             | 0.25        | SABP081310GE |
| 75            | 125 | 125 | 110.5            | 0.25        | SABP081313GE |
| 125           | 125 | 75  | 60.5             | 0.25        | SABP131308GE |
| 125           | 125 | 100 | 85.5             | 0.30        | SABP131310GE |
| 125           | 125 | 125 | 110.5            | 0.35        | SABP131313GE |
| 125           | 175 | 75  | 60.5             | 0.35        | SABP131808GE |
| 125           | 175 | 100 | 85.5             | 0.40        | SABP131810GE |
| 125           | 175 | 125 | 110.5            | 0.45        | SABP131813GE |
| 125           | 175 | 150 | 135.5            | 0.55        | SABP131815GE |
| 175           | 175 | 75  | 60.5             | 0.50        | SABP181808GE |
| 175           | 175 | 100 | 85.5             | 0.55        | SABP181810GE |
| 175           | 175 | 125 | 110.5            | 0.55        | SABP181813GE |
| 175           | 175 | 150 | 135.5            | 0.60        | SABP181815GE |
| 175           | 250 | 75  | 60.5             | 0.55        | SABP182508GE |
| 175           | 250 | 100 | 85.5             | 0.60        | SABP182510GE |
| 175           | 250 | 150 | 135.5            | 0.65        | SABP182515GE |

Note: Terminal box, with polycarbonate transparent cover fitted, can be ordered by replacing GE with TE in the item number. Terminal box manufactured from polycarbonate can be ordered by replacing SABP with SPCP in the item number.

## Dimensional drawing | SABP



## Accessories selection matrix | SABP

|              |     |     |     |  |  |  |  |  |
|--------------|-----|-----|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Box          |     |     |     | Mounting                                                                          |                                                                                   | Fixing                                                                             | Cover                                                                               |                                                                                     |
|              | H   | W   | D   | Mounting plate                                                                    | DIN rail                                                                          | Wall mounting brackets                                                             | Cover plugs                                                                         | Hinges                                                                              |
| SABP081308GE | 75  | 125 | 75  | SMP0813E                                                                          | DR350404E/DR350904E                                                               | SFL1E                                                                              | SCP08E                                                                              | DSHI1E                                                                              |
| SABP081310GE | 75  | 125 | 100 | SMP0813E                                                                          | DR350404E/DR350904E                                                               | SFL1E                                                                              | SCP10E                                                                              | DSHI1E                                                                              |
| SABP081313GE | 75  | 125 | 125 | SMP0813E                                                                          | DR350404E/DR350904E                                                               | SFL1E                                                                              | SCP1315E                                                                            | DSHI1E                                                                              |
| SABP131308GE | 125 | 125 | 75  | SMP1313E                                                                          | DR350904E                                                                         | SFL1E                                                                              | SCP08E                                                                              | DSHI1E                                                                              |
| SABP131310GE | 125 | 125 | 100 | SMP1313E                                                                          | DR350904E                                                                         | SFL1E                                                                              | SCP10E                                                                              | DSHI1E                                                                              |
| SABP131313GE | 125 | 125 | 125 | SMP1313E                                                                          | DR350904E                                                                         | SFL1E                                                                              | SCP1315E                                                                            | DSHI1E                                                                              |
| SABP131808GE | 125 | 175 | 75  | SMP1318E                                                                          | DR350904E/DR351404E                                                               | SFL1E                                                                              | SCP08E                                                                              | DSHI1E                                                                              |
| SABP131810GE | 125 | 175 | 100 | SMP1318E                                                                          | DR350904E/DR351404E                                                               | SFL1E                                                                              | SCP10E                                                                              | DSHI1E                                                                              |
| SABP131813GE | 125 | 175 | 125 | SMP1318E                                                                          | DR350904E/DR351404E                                                               | SFL1E                                                                              | SCP1315E                                                                            | DSHI1E                                                                              |
| SABP131815GE | 125 | 175 | 150 | SMP1318E                                                                          | DR350904E/DR351404E                                                               | SFL1E                                                                              | SCP1315E                                                                            | DSHI1E                                                                              |
| SABP181808GE | 175 | 175 | 75  | SMP1818E                                                                          | DR351404E                                                                         | SFL1E                                                                              | SCP08E                                                                              | DSHI1E                                                                              |
| SABP181810GE | 175 | 175 | 100 | SMP1818E                                                                          | DR351404E                                                                         | SFL1E                                                                              | SCP10E                                                                              | DSHI1E                                                                              |
| SABP181813GE | 175 | 175 | 125 | SMP1818E                                                                          | DR351404E                                                                         | SFL1E                                                                              | SCP1315E                                                                            | DSHI1E                                                                              |
| SABP181815GE | 175 | 175 | 150 | SMP1818E                                                                          | DR351404E                                                                         | SFL1E                                                                              | SCP1315E                                                                            | DSHI1E                                                                              |
| SABP182508GE | 175 | 250 | 75  | SMP1825E                                                                          | DR351404E/DR352154E                                                               | SFL1E                                                                              | SCP08E                                                                              | DSHI1E                                                                              |
| SABP182510GE | 175 | 250 | 100 | SMP1825E                                                                          | DR351404E/DR352154E                                                               | SFL1E                                                                              | SCP10E                                                                              | DSHI1E                                                                              |
| SABP182515GE | 175 | 250 | 150 | SMP1825E                                                                          | DR351404E/DR352154E                                                               | SFL1E                                                                              | SCP1315E                                                                            | DSHI1E                                                                              |

## Mounting plate, SMP

**Description:** Steel mounting plate for SABP boxes.

**Material:** 1.5 mm galvanized steel.

**Pack quantity:** 1 piece.

| For box |     | Mounting plate dimensions |     | Item no. |
|---------|-----|---------------------------|-----|----------|
| H       | W   | h                         | w   |          |
| 75      | 125 | 48                        | 98  | SMP0813E |
| 125     | 125 | 98                        | 98  | SMP1313E |
| 125     | 175 | 98                        | 148 | SMP1318E |
| 175     | 175 | 148                       | 148 | SMP1818E |
| 175     | 250 | 148                       | 223 | SMP1825E |



## DIN rail, DR2

**Description:** DIN rail 35 mm for SABP boxes.

**Material:** Galvanized steel.

**Pack quantity:** 1 piece.

| For enclosure |     | Item no.  |
|---------------|-----|-----------|
| H/W           | W   |           |
| 75            |     | DR350404E |
| 125           |     | DR350904E |
| 175           |     | DR351404E |
|               | 250 | DR352154E |





# Terminal Boxes

## ABS Range

### Accessories

### Wall mounting brackets, SFL

- Description:** Mounting brackets for wall fixing.
- Material:** Polycarbonate.
- Finish:** RAL 7035.
- Pack quantity:** 4 brackets with mounting accessories.

| Item no. |
|----------|
| SFL1E    |



### Hinges, DSHI

- Description:** Using this accessory the cover can be hinged. Machining is required.
- Material:** Polycarbonate.
- Finish:** RAL 7035.
- Pack quantity:** Set of 2 hinges with mounting accessories.

| Item no. |
|----------|
| DSHI1E   |



### Cover plugs, SCP

- Description:** Cover plugs can be used in place of the cover screws located next to the hinge, if hinges are fitted.
- Material:** Polyethylene.
- Pack quantity:** 10 pieces.

| For box  |          |
|----------|----------|
| D        | Item no. |
| 75       | SCP08E   |
| 100      | SCP10E   |
| 125, 150 | SCP1315E |



# Terminal Boxes

## ABS Range

### Large ABS terminal box | OABP

IP 66,67 | IK 06/07

**Description:**

ABS box, halogen-free, suitable for indoor use. Low UV radiation resistance.

**Material:**

ABS. Transparent cover: polycarbonate.

**Gasket:**

Polyurethane gasket integrated in the box cover.

**Temperature resistance:**

-40 °C to +60 °C.

**Flammability:**

UL94 HB.

**Protection:**

IP 66, 67 | IK 06 (-25 °C), IK 07 (+35 °C).

**Finish:**

RAL 7035.

**Delivery:**

Body, cover, cover screws manufactured from polyamide and mounting screws.



### IP 66,67 | IK 06/07

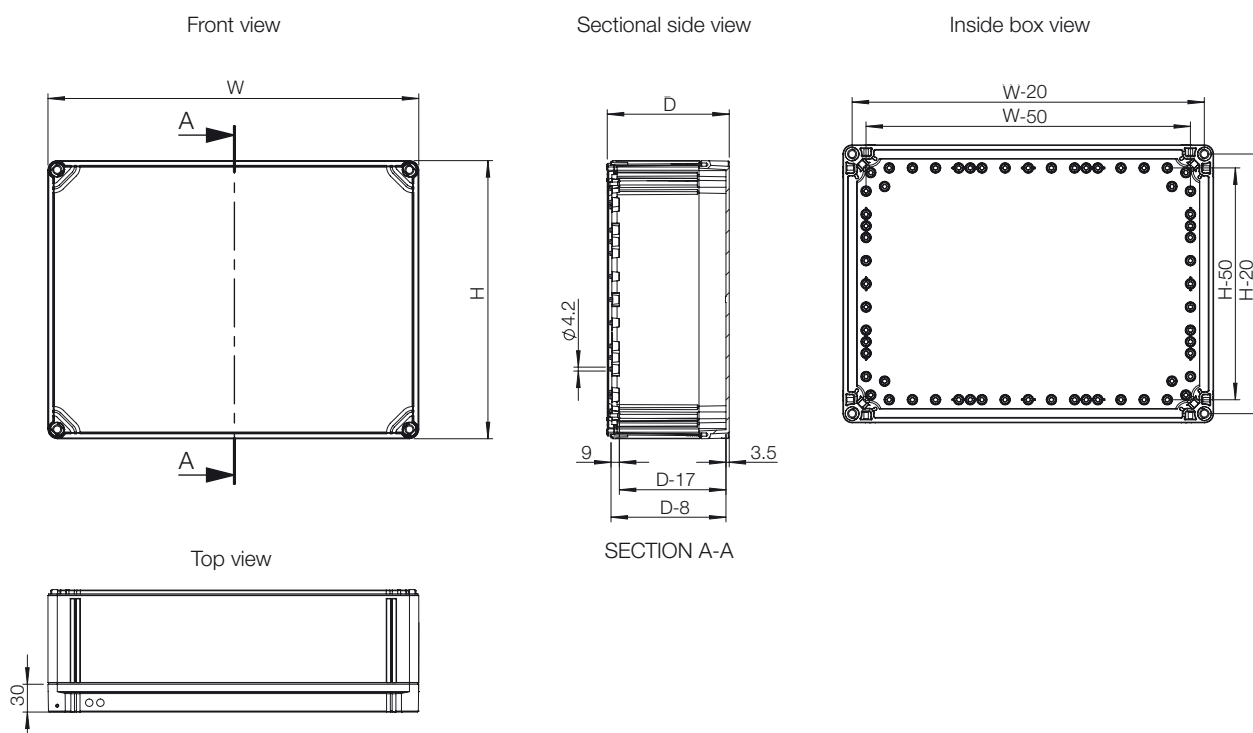
With grey cover

| Box dimension |     |     | Inner depth (mm) | Weight (kg) | Item no.     |
|---------------|-----|-----|------------------|-------------|--------------|
| H             | W   | D   |                  |             |              |
| 200           | 200 | 132 | 115              | 1.10        | OABP202013GE |
| 200           | 300 | 132 | 115              | 1.45        | OABP203013GE |
| 200           | 400 | 132 | 115              | 1.75        | OABP204013GE |
| 300           | 300 | 132 | 115              | 1.90        | OABP303013GE |
| 300           | 400 | 132 | 115              | 2.30        | OABP304013GE |
| 300           | 600 | 132 | 115              | 3.20        | OABP306013GE |
| 400           | 600 | 132 | 115              | 4.00        | OABP406013GE |

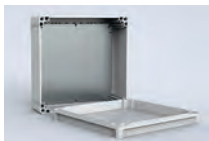
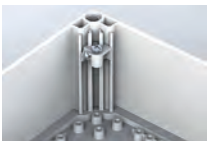
With transparent cover

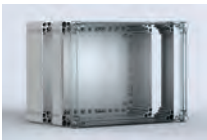
| Box dimension |     |     | Inner depth (mm) | Weight (kg) | Item no.     |
|---------------|-----|-----|------------------|-------------|--------------|
| H             | W   | D   |                  |             |              |
| 200           | 200 | 132 | 115              | 1.10        | OABP202013TE |
| 200           | 300 | 132 | 115              | 1.50        | OABP203013TE |
| 200           | 400 | 132 | 115              | 1.85        | OABP204013TE |
| 300           | 300 | 132 | 115              | 1.90        | OABP303013TE |
| 300           | 400 | 132 | 115              | 2.40        | OABP304013TE |
| 300           | 600 | 132 | 115              | 3.40        | OABP306013TE |
| 400           | 600 | 132 | 115              | 4.10        | OABP406013TE |

## Dimensional drawing | OABP



## Accessories selection matrix | OABP

|              |     |     |     |  |  |  |  |
|--------------|-----|-----|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Box          |     |     |     | Mounting                                                                          |                                                                                   |                                                                                    | Fixing                                                                              |
|              | H   | W   | D   | Mounting plate                                                                    | Mounting plate depth adjustment kit                                               | DIN rail                                                                           | Wall mounting brackets                                                              |
| OABP202013GE | 200 | 200 | 132 | OMP2020E                                                                          | OELA1.04E                                                                         | DR351505E                                                                          | OFL1E                                                                               |
| OABP203013GE | 200 | 300 | 132 | OMP2030E                                                                          | OELA1.04E                                                                         | DR351505E/DR352505E                                                                | OFL1E                                                                               |
| OABP204013GE | 200 | 400 | 132 | OMP2040E                                                                          | OELA1.04E                                                                         | DR351505E/DR353505E                                                                | OFL1E                                                                               |
| OABP303013GE | 300 | 300 | 132 | OMP3030E                                                                          | OELA1.04E                                                                         | DR352505E                                                                          | OFL1E                                                                               |
| OABP304013GE | 300 | 400 | 132 | OMP3040E                                                                          | OELA1.04E                                                                         | DR352505E/DR353505E                                                                | OFL1E                                                                               |
| OABP306013GE | 300 | 600 | 132 | OMP3060E                                                                          | OELA1.04E                                                                         | DR352505E                                                                          | OFL1E                                                                               |
| OABP406013GE | 400 | 600 | 132 | OMP4060E                                                                          | OELA1.04E                                                                         | DR353505E                                                                          | OFL1E                                                                               |
| OABP202013TE | 200 | 200 | 132 | OMP2020E                                                                          | OELA1.04E                                                                         | DR351505E                                                                          | OFL1E                                                                               |
| OABP203013TE | 200 | 300 | 132 | OMP2030E                                                                          | OELA1.04E                                                                         | DR351505E/DR352505E                                                                | OFL1E                                                                               |
| OABP204013TE | 200 | 400 | 132 | OMP2040E                                                                          | OELA1.04E                                                                         | DR351505E/DR353505E                                                                | OFL1E                                                                               |
| OABP303013TE | 300 | 300 | 132 | OMP3030E                                                                          | OELA1.04E                                                                         | DR352505E                                                                          | OFL1E                                                                               |
| OABP304013TE | 300 | 400 | 132 | OMP3040E                                                                          | OELA1.04E                                                                         | DR352505E/DR353505E                                                                | OFL1E                                                                               |
| OABP306013TE | 300 | 600 | 132 | OMP3060E                                                                          | OELA1.04E                                                                         | DR352505E                                                                          | OFL1E                                                                               |
| OABP406013TE | 400 | 600 | 132 | OMP4060E                                                                          | OELA1.04E                                                                         | DR353505E                                                                          | OFL1E                                                                               |

|              |     |     |     |  |  |  |  |
|--------------|-----|-----|-----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Box          |     |     |     | Cover                                                                               |                                                                                     |                                                                                      | Baying                                                                                |
|              | H   | W   | D   | Hinges                                                                              | Cover plugs                                                                         | Wing screw                                                                           | Extension frame                                                                       |
| OABP202013GE | 200 | 200 | 132 | OHI1E                                                                               | OCP1E                                                                               | OLW55E                                                                               | OPCP202006EE                                                                          |
| OABP203013GE | 200 | 300 | 132 | OHI1E                                                                               | OCP1E                                                                               | OLW55E                                                                               | OPCP203006EE                                                                          |
| OABP204013GE | 200 | 400 | 132 | OHI1E                                                                               | OCP1E                                                                               | OLW55E                                                                               | OPCP204006EE                                                                          |
| OABP303013GE | 300 | 300 | 132 | OHI1E                                                                               | OCP1E                                                                               | OLW55E                                                                               | OPCP303006EE                                                                          |
| OABP304013GE | 300 | 400 | 132 | OHI1E                                                                               | OCP1E                                                                               | OLW55E                                                                               | OPCP304006EE                                                                          |
| OABP306013GE | 300 | 600 | 132 | OHI1E                                                                               | OCP1E                                                                               | OLW55E                                                                               | OPCP306006EE                                                                          |
| OABP406013GE | 400 | 600 | 132 | OHI1E                                                                               | OCP1E                                                                               | OLW55E                                                                               | OPCP406006EE                                                                          |
| OABP202013TE | 200 | 200 | 132 | OHI1E                                                                               | OCP1E                                                                               | OLW55E                                                                               | OPCP202006EE                                                                          |
| OABP203013TE | 200 | 300 | 132 | OHI1E                                                                               | OCP1E                                                                               | OLW55E                                                                               | OPCP203006EE                                                                          |
| OABP204013TE | 200 | 400 | 132 | OHI1E                                                                               | OCP1E                                                                               | OLW55E                                                                               | OPCP204006EE                                                                          |
| OABP303013TE | 300 | 300 | 132 | OHI1E                                                                               | OCP1E                                                                               | OLW55E                                                                               | OPCP303006EE                                                                          |
| OABP304013TE | 300 | 400 | 132 | OHI1E                                                                               | OCP1E                                                                               | OLW55E                                                                               | OPCP304006EE                                                                          |
| OABP306013TE | 300 | 600 | 132 | OHI1E                                                                               | OCP1E                                                                               | OLW55E                                                                               | OPCP306006EE                                                                          |
| OABP406013TE | 400 | 600 | 132 | OHI1E                                                                               | OCP1E                                                                               | OLW55E                                                                               | OPCP406006EE                                                                          |

# Terminal Boxes

## ABS Range

### Accessories

## Mounting plate, OMP

**Description:** Steel mounting plate for OABP/OPCP boxes.

**Material:** 1.5 mm galvanized steel.

**Pack quantity:** 1 piece.

| For box |     | Mounting plate dimensions |     | Item no. |
|---------|-----|---------------------------|-----|----------|
| H       | W   | h                         | w   |          |
| 200     | 200 | 160                       | 160 | OMP2020E |
| 200     | 300 | 160                       | 260 | OMP2030E |
| 200     | 400 | 160                       | 360 | OMP2040E |
| 300     | 300 | 260                       | 260 | OMP3030E |
| 300     | 400 | 260                       | 360 | OMP3040E |
| 300     | 600 | 260                       | 560 | OMP3060E |
| 400     | 600 | 360                       | 560 | OMP4060E |



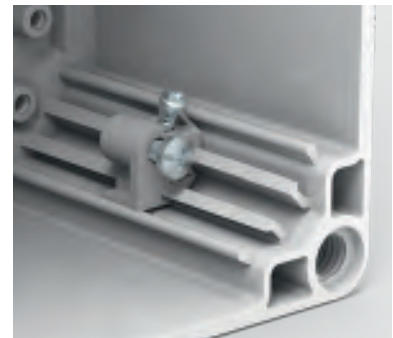
3

## Mounting plate depth adjustment kit, OEL

**Description:** Allows adjusting the mounting plate at any depth.

**Pack quantity:** OEL1E: 1 piece, and OELA1.04E: 4 pieces.

| Item no.  |
|-----------|
| OELA1.04E |
| OEL1E     |



## DIN rail, DR3

**Description:** DIN rail 35 mm for OABP/OPCP boxes.

**Material:** Galvanized steel.

**Pack quantity:** 1 piece.

| For box | Item no.  |
|---------|-----------|
| H/W     |           |
| 200     | DR351505E |
| 300     | DR352505E |
| 400     | DR353505E |



# Terminal Boxes

## ABS Range

### Accessories

#### Wall mounting brackets, OFL

|                       |                                                                                                                                 |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | Mounting brackets for wall fixing. Can be mounted in three different directions and will support approximately a load of 600 N. |
| <b>Material:</b>      | Polyamide.                                                                                                                      |
| <b>Finish:</b>        | RAL 7035.                                                                                                                       |
| <b>Pack quantity:</b> | 4 brackets with mounting accessories.                                                                                           |
| <b>Item no.</b>       |                                                                                                                                 |
| OFL1E                 |                                                                                                                                 |



#### Hinges, OHI

|                       |                                                                      |
|-----------------------|----------------------------------------------------------------------|
| <b>Description:</b>   | Using this accessory the cover can be hinged. Machining is required. |
| <b>Material:</b>      | Polycarbonate.                                                       |
| <b>Finish:</b>        | RAL 7035.                                                            |
| <b>Pack quantity:</b> | Set of 2 hinges with mounting accessories.                           |
| <b>Item no.</b>       |                                                                      |
| OHI1E                 |                                                                      |



#### Cover plugs, OCP

|                       |                                                                                                       |
|-----------------------|-------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | Cover plugs can be used in place of the cover screws located next to the hinge, if hinges are fitted. |
| <b>Material:</b>      | Polyethylene.                                                                                         |
| <b>Pack quantity:</b> | 12 pieces.                                                                                            |
| <b>Item no.</b>       |                                                                                                       |
| OCP1E                 |                                                                                                       |



## Wing screw, OLW

**Description:** Wing screws can be used in place of each terminal box cover screw, which will allow easier access. If hinges are fitted to the terminal box, only two wing screws will be required and must be fitted opposite the hinge.

**Pack quantity:** 24 pieces.

| Item no. |
|----------|
| OLW55E   |



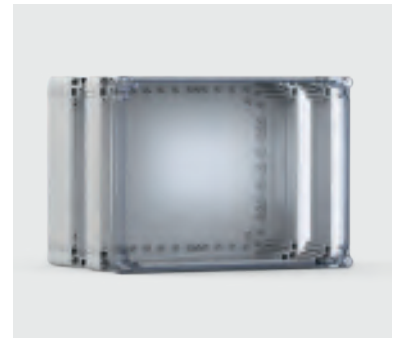
## Polycarbonate extension frame, OPCP-EE

**Description:** Depth extension frame is to be used when extra depth is required in the OABP/OPCP terminal boxes.

**Material:** Polycarbonate.

**Pack quantity:** 1 piece.

| For box |     |    | Item no.     |
|---------|-----|----|--------------|
| H       | W   | D  |              |
| 200     | 200 | 55 | OPCP202006EE |
| 200     | 300 | 55 | OPCP203006EE |
| 200     | 400 | 55 | OPCP204006EE |
| 300     | 300 | 55 | OPCP303006EE |
| 300     | 400 | 55 | OPCP304006EE |
| 300     | 600 | 55 | OPCP306006EE |
| 400     | 600 | 55 | OPCP406006EE |





# Terminal Boxes

## Polycarbonate Range

### Small polycarbonate terminal box | DPCP

IP 66,67 | IK 08

**Description:**

Polycarbonate box, halogen-free, suitable for outdoor use. High UV radiation resistance. Self-extinguishing.

**Material:**

Polycarbonate.

**Gasket:**

Polyurethane gasket integrated in the box cover.

**Temperature resistance:**

-40 °C to +80 °C.

**Flammability:**

UL746C 5V.

**Protection:**

IP 66, 67 | IK 08 (-25 °C ... +35 °C).

**Finish:**

RAL 7035.

**Approvals:**

CE, GOST. For cULus\_UL Listed approvals, please contact our sales department.

**Delivery:**

Body, cover, cover screws manufactured from stainless steel, mounting screws and cover plugs made of polyamide.

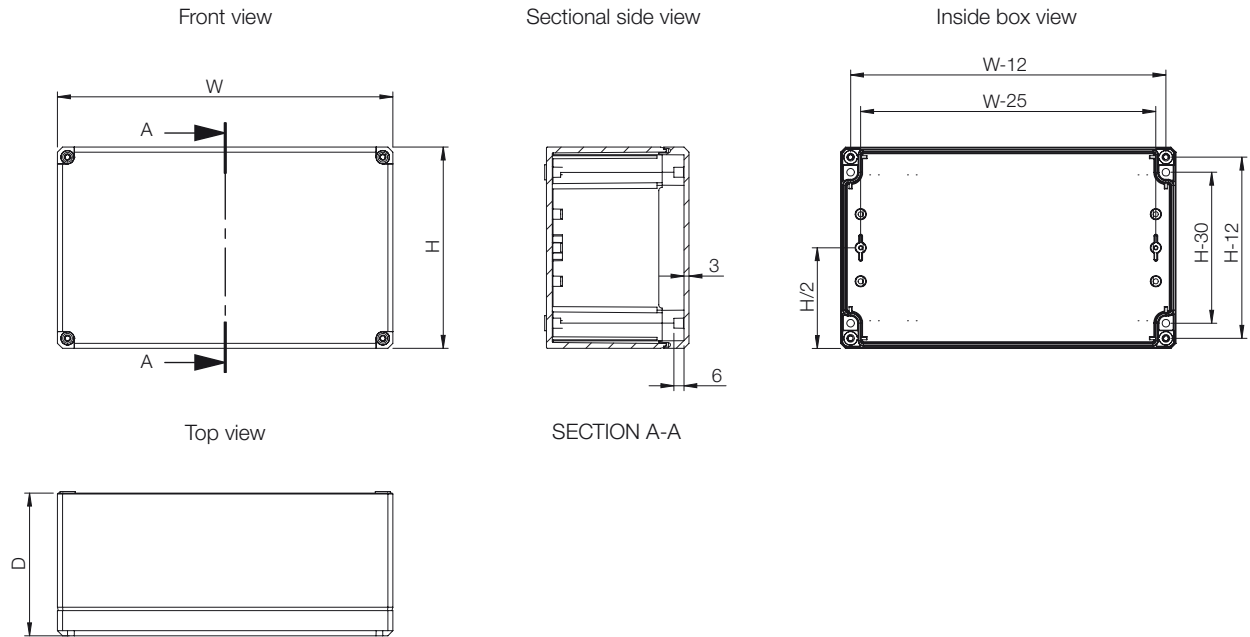


IP 66,67 | IK 08

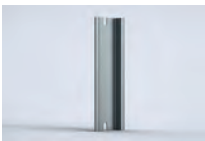
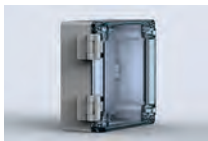
| Box dimension |     |     | Inner depth (mm) | Weight (kg) | Item no.     |
|---------------|-----|-----|------------------|-------------|--------------|
| H             | W   | D   |                  |             |              |
| 53            | 55  | 36  | 27.5             | 0.05        | DPCP050504GE |
| 53            | 65  | 36  | 25               | 0.08        | DPCP050704GE |
| 80            | 82  | 56  | 42               | 0.15        | DPCP080806GE |
| 80            | 82  | 86  | 72               | 0.15        | DPCP080809GE |
| 80            | 120 | 56  | 42               | 0.20        | DPCP081206GE |
| 80            | 120 | 86  | 72               | 0.20        | DPCP081209GE |
| 80            | 160 | 56  | 42               | 0.25        | DPCP081606GE |
| 80            | 160 | 86  | 72               | 0.30        | DPCP081609GE |
| 120           | 122 | 56  | 42               | 0.20        | DPCP121206GE |
| 120           | 122 | 86  | 72               | 0.30        | DPCP121209GE |
| 120           | 160 | 91  | 77.5             | 0.35        | DPCP121609GE |
| 120           | 200 | 86  | 72               | 0.40        | DPCP122009GE |
| 150           | 200 | 76  | 62               | 0.40        | DPCP152008GE |
| 160           | 240 | 91  | 77.5             | 0.60        | DPCP162409GE |
| 160           | 240 | 121 | 107.5            | 0.75        | DPCP162412GE |
| 230           | 300 | 86  | 72.5             | 0.95        | DPCP233009GE |
| 230           | 300 | 111 | 97.5             | 1.10        | DPCP233011GE |

Note: Terminal box, with transparent cover fitted, can be ordered by replacing GE with TE in the item number.

Dimensional drawing | DPCP



## Accessories selection matrix | DPCP

|              |     |     |     |  |  |  |  |
|--------------|-----|-----|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Box          |     |     |     | Mounting                                                                          |                                                                                   | Fixing                                                                             | Cover                                                                               |
|              | H   | W   | D   | Mounting plate                                                                    | DIN rail                                                                          | Wall mounting brackets                                                             | Hinges                                                                              |
| DPCP050504GE | 53  | 55  | 36  | -                                                                                 | -                                                                                 | DFL1E                                                                              | DSHI1E                                                                              |
| DPCP050704GE | 53  | 65  | 36  | -                                                                                 | -                                                                                 | DFL1E                                                                              | DSHI1E                                                                              |
| DPCP080806GE | 80  | 82  | 56  | DMP0808E                                                                          | DR350584E                                                                         | DFL1E                                                                              | DSHI1E                                                                              |
| DPCP080809GE | 80  | 82  | 86  | DMP0808E                                                                          | DR350584E                                                                         | DFL1E                                                                              | DSHI1E                                                                              |
| DPCP081206GE | 80  | 120 | 56  | DMP0812E                                                                          | DR350964E                                                                         | DFL1E                                                                              | DSHI1E                                                                              |
| DPCP081209GE | 80  | 120 | 86  | DMP0812E                                                                          | DR350964E                                                                         | DFL1E                                                                              | DSHI1E                                                                              |
| DPCP081606GE | 80  | 160 | 56  | DMP0816E                                                                          | DR351364E                                                                         | DFL1E                                                                              | DSHI1E                                                                              |
| DPCP081609GE | 80  | 160 | 86  | DMP0816E                                                                          | DR351364E                                                                         | DFL1E                                                                              | DSHI1E                                                                              |
| DPCP121206GE | 120 | 122 | 56  | DMP1212E                                                                          | DR350964E                                                                         | DFL1E                                                                              | DSHI1E                                                                              |
| DPCP121209GE | 120 | 122 | 86  | DMP1212E                                                                          | DR350964E                                                                         | DFL1E                                                                              | DSHI1E                                                                              |
| DPCP121609GE | 120 | 160 | 91  | DMP1216E                                                                          | DR351364E                                                                         | DFL1E                                                                              | DSHI1E                                                                              |
| DPCP122009GE | 120 | 200 | 86  | DMP1220E                                                                          | DR351764E                                                                         | DFL1E                                                                              | DSHI1E                                                                              |
| DPCP152008GE | 150 | 200 | 76  | DMP1520E                                                                          | DR351604E                                                                         | DFL1E                                                                              | DSHI1E                                                                              |
| DPCP162409GE | 160 | 240 | 91  | DMP1624E                                                                          | DR352154E                                                                         | DFL1E                                                                              | DSHI1E                                                                              |
| DPCP162412GE | 160 | 240 | 121 | DMP1624E                                                                          | DR352154E                                                                         | DFL1E                                                                              | DSHI1E                                                                              |
| DPCP233009GE | 230 | 300 | 86  | DMP2330E                                                                          | DR352754E                                                                         | DFL1E                                                                              | DSHI1E                                                                              |
| DPCP233011GE | 230 | 300 | 111 | DMP2330E                                                                          | DR352754E                                                                         | DFL1E                                                                              | DSHI1E                                                                              |

## Mounting plate, DMP

**Description:** Steel mounting plate for DABP/DPCP boxes.

**Material:** 1.5 mm galvanized steel.

**Pack quantity:** 1 piece.

| For box |     | Mounting plate dimensions |     |          |
|---------|-----|---------------------------|-----|----------|
| H       | W   | h                         | w   | Item no. |
| 80      | 82  | 55                        | 68  | DMP0808E |
| 80      | 120 | 65                        | 93  | DMP0812E |
| 80      | 160 | 65                        | 133 | DMP0816E |
| 120     | 122 | 105                       | 95  | DMP1212E |
| 120     | 160 | 105                       | 132 | DMP1216E |
| 120     | 200 | 105                       | 172 | DMP1220E |
| 150     | 200 | 133                       | 172 | DMP1520E |
| 160     | 240 | 145                       | 213 | DMP1624E |
| 230     | 300 | 210                       | 285 | DMP2330E |



## Terminal Boxes

### Polycarbonate Range

### Accessories

#### DIN rail, DR

**Description:** DIN rail 35 mm for DABP/DPCP boxes.

**Material:** Galvanized steel.

**Pack quantity:** 1 piece.

| For box |           |
|---------|-----------|
| W       | Item no.  |
| 82      | DR350584E |
| 120/122 | DR350964E |
| 160     | DR351364E |
| 200 *   | DR351604E |
| 200 **  | DR351764E |
| 250     | DR352154E |
| 300     | DR352754E |

\* DABP152008GE and DPCP152008GE

\*\* DABP122009GE and DPCP122009GE



3

#### Wall mounting brackets, DFL

**Description:** Mounting brackets for wall fixing.

**Material:** Polycarbonate.

**Finish:** RAL 7035.

**Pack quantity:** 4 brackets with mounting accessories.

| Item no. |
|----------|
| DFL1E    |



#### Hinges, DSHI

**Description:** Using this accessory the cover can be hinged. Machining is required.

**Material:** Polycarbonate.

**Finish:** RAL 7035.

**Pack quantity:** Set of 2 hinges with mounting accessories.

| Item no. |
|----------|
| DSHI1E   |



# Terminal Boxes

## Polycarbonate Range

### Large polycarbonate terminal box | OPCP

IP 66, 67 | IK 08

**Description:**

Polycarbonate box, halogen-free, suitable for outdoor use. High UV radiation resistance. Self-extinguishing.

**Material:**

Polycarbonate.

**Gasket:**

Polyurethane gasket integrated in the box cover.

**Temperature resistance:**

-40 °C to +80 °C.

**Flammability:**

UL746C 5V.

**Protection:**

IP 66, 67 | IK 08 (-25 °C ... +35 °C).

**Finish:**

RAL 7035.

**Approvals:**

CE, GOST. For cULus\_UL Listed, please contact our sales department.

**Delivery:**

Body, cover, cover screws manufactured from polyamide and mounting screws.



### IP 66, 67 | IK 08

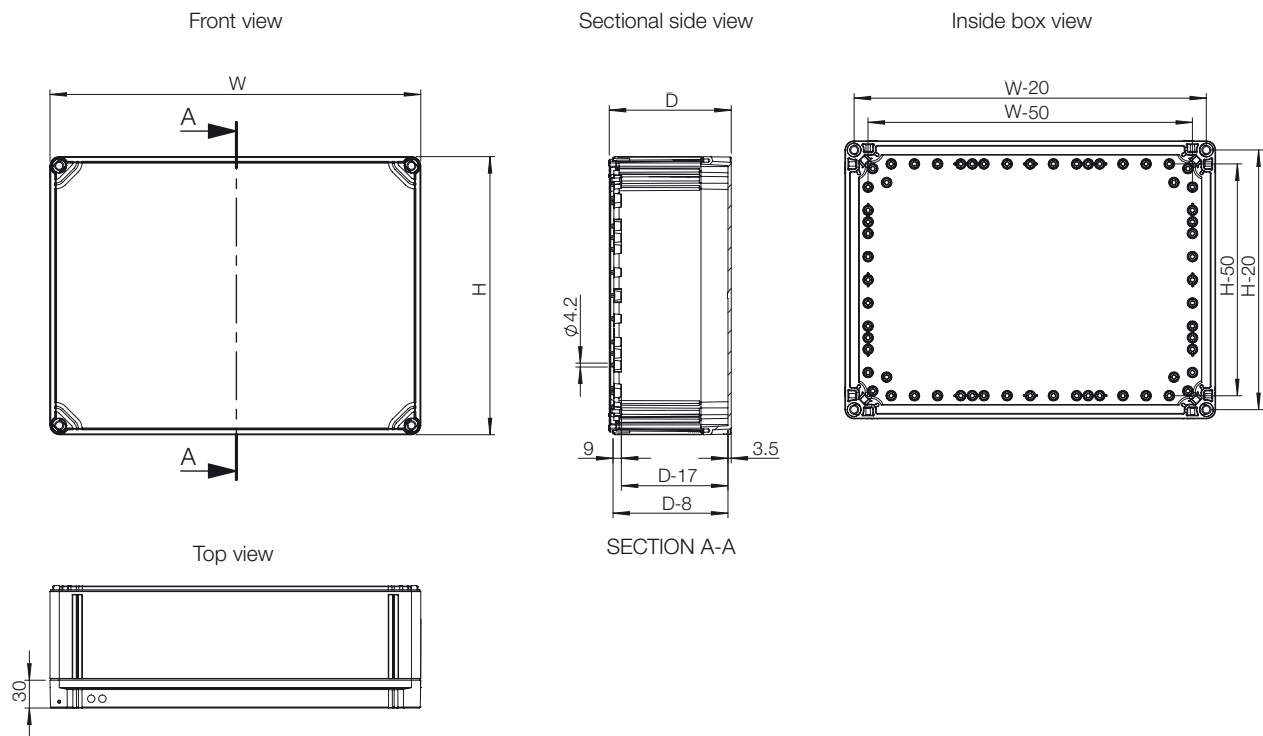
With grey cover

| Box dimension |     |     | Inner depth (mm) | Weight (kg) | Item no.     |
|---------------|-----|-----|------------------|-------------|--------------|
| H             | W   | D   |                  |             |              |
| 200           | 200 | 132 | 115              | 1.30        | OPCP202013GE |
| 200           | 300 | 132 | 115              | 1.70        | OPCP203013GE |
| 200           | 400 | 132 | 115              | 2.00        | OPCP204013GE |
| 300           | 300 | 132 | 115              | 2.15        | OPCP303013GE |
| 300           | 400 | 132 | 115              | 2.70        | OPCP304013GE |
| 300           | 600 | 132 | 115              | 3.60        | OPCP306013GE |
| 400           | 600 | 132 | 115              | 4.55        | OPCP406013GE |

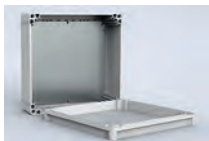
With transparent cover

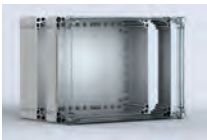
| Box dimension |     |     | Inner depth (mm) | Weight (kg) | Item no.     |
|---------------|-----|-----|------------------|-------------|--------------|
| H             | W   | D   |                  |             |              |
| 200           | 200 | 132 | 115              | 1.25        | OPCP202013TE |
| 200           | 300 | 132 | 115              | 1.70        | OPCP203013TE |
| 200           | 400 | 132 | 115              | 2.00        | OPCP204013TE |
| 300           | 300 | 132 | 115              | 2.10        | OPCP303013TE |
| 300           | 400 | 132 | 115              | 2.00        | OPCP304013TE |
| 300           | 600 | 132 | 115              | 3.50        | OPCP306013TE |
| 400           | 600 | 132 | 115              | 4.50        | OPCP406013TE |

### Dimensional drawing | OPCP



## Accessories selection matrix | OPCP

|              |     |     |     |  |  |  |  |
|--------------|-----|-----|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Box          |     |     |     | Mounting                                                                          |                                                                                   |                                                                                    | Fixing                                                                              |
|              | H   | W   | D   | Mounting plate                                                                    | Mounting plate depth adjustment kit                                               | DIN rail                                                                           | Wall mounting brackets                                                              |
| OPCP202013GE | 200 | 200 | 132 | OMP2020E                                                                          | OELA1.04E                                                                         | DR351505E                                                                          | OFL1E                                                                               |
| OPCP203013GE | 200 | 300 | 132 | OMP2030E                                                                          | OELA1.04E                                                                         | DR351505E/DR352505E                                                                | OFL1E                                                                               |
| OPCP204013GE | 200 | 400 | 132 | OMP2040E                                                                          | OELA1.04E                                                                         | DR351505E/DR353505E                                                                | OFL1E                                                                               |
| OPCP303013GE | 300 | 300 | 132 | OMP3030E                                                                          | OELA1.04E                                                                         | DR352505E                                                                          | OFL1E                                                                               |
| OPCP304013GE | 300 | 400 | 132 | OMP3040E                                                                          | OELA1.04E                                                                         | DR352505E/DR353505E                                                                | OFL1E                                                                               |
| OPCP306013GE | 300 | 600 | 132 | OMP3060E                                                                          | OELA1.04E                                                                         | DR352505E                                                                          | OFL1E                                                                               |
| OPCP406013GE | 400 | 600 | 132 | OMP4060E                                                                          | OELA1.04E                                                                         | DR353505E                                                                          | OFL1E                                                                               |
| OPCP202013TE | 200 | 200 | 132 | OMP2020E                                                                          | OELA1.04E                                                                         | DR351505E                                                                          | OFL1E                                                                               |
| OPCP203013TE | 200 | 300 | 132 | OMP2030E                                                                          | OELA1.04E                                                                         | DR351505E/DR352505E                                                                | OFL1E                                                                               |
| OPCP204013TE | 200 | 400 | 132 | OMP2040E                                                                          | OELA1.04E                                                                         | DR351505E/DR353505E                                                                | OFL1E                                                                               |
| OPCP303013TE | 300 | 300 | 132 | OMP3030E                                                                          | OELA1.04E                                                                         | DR352505E                                                                          | OFL1E                                                                               |
| OPCP304013TE | 300 | 400 | 132 | OMP3040E                                                                          | OELA1.04E                                                                         | DR352505E/DR353505E                                                                | OFL1E                                                                               |
| OPCP306013TE | 300 | 600 | 132 | OMP3060E                                                                          | OELA1.04E                                                                         | DR352505E                                                                          | OFL1E                                                                               |
| OPCP406013TE | 400 | 600 | 132 | OMP4060E                                                                          | OELA1.04E                                                                         | DR353505E                                                                          | OFL1E                                                                               |

|              |     |     |     |  |  |  |  |
|--------------|-----|-----|-----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Box          |     |     |     | Cover                                                                               |                                                                                     |                                                                                      | Baying                                                                                |
|              | H   | W   | D   | Hinges                                                                              | Cover plugs                                                                         | Wing screw                                                                           | Extension frame                                                                       |
| OPCP202013GE | 200 | 200 | 132 | OHI1E                                                                               | OCP1E                                                                               | OLW55E                                                                               | OPCP202006EE                                                                          |
| OPCP203013GE | 200 | 300 | 132 | OHI1E                                                                               | OCP1E                                                                               | OLW55E                                                                               | OPCP203006EE                                                                          |
| OPCP204013GE | 200 | 400 | 132 | OHI1E                                                                               | OCP1E                                                                               | OLW55E                                                                               | OPCP204006EE                                                                          |
| OPCP303013GE | 300 | 300 | 132 | OHI1E                                                                               | OCP1E                                                                               | OLW55E                                                                               | OPCP303006EE                                                                          |
| OPCP304013GE | 300 | 400 | 132 | OHI1E                                                                               | OCP1E                                                                               | OLW55E                                                                               | OPCP304006EE                                                                          |
| OPCP306013GE | 300 | 600 | 132 | OHI1E                                                                               | OCP1E                                                                               | OLW55E                                                                               | OPCP306006EE                                                                          |
| OPCP406013GE | 400 | 600 | 132 | OHI1E                                                                               | OCP1E                                                                               | OLW55E                                                                               | OPCP406006EE                                                                          |
| OPCP202013TE | 200 | 200 | 132 | OHI1E                                                                               | OCP1E                                                                               | OLW55E                                                                               | OPCP202006EE                                                                          |
| OPCP203013TE | 200 | 300 | 132 | OHI1E                                                                               | OCP1E                                                                               | OLW55E                                                                               | OPCP203006EE                                                                          |
| OPCP204013TE | 200 | 400 | 132 | OHI1E                                                                               | OCP1E                                                                               | OLW55E                                                                               | OPCP204006EE                                                                          |
| OPCP303013TE | 300 | 300 | 132 | OHI1E                                                                               | OCP1E                                                                               | OLW55E                                                                               | OPCP303006EE                                                                          |
| OPCP304013TE | 300 | 400 | 132 | OHI1E                                                                               | OCP1E                                                                               | OLW55E                                                                               | OPCP304006EE                                                                          |
| OPCP306013TE | 300 | 600 | 132 | OHI1E                                                                               | OCP1E                                                                               | OLW55E                                                                               | OPCP306006EE                                                                          |
| OPCP406013TE | 400 | 600 | 132 | OHI1E                                                                               | OCP1E                                                                               | OLW55E                                                                               | OPCP406006EE                                                                          |



## Terminal Boxes

### Polycarbonate Range

### Accessories

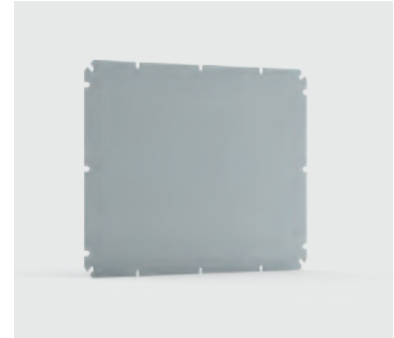
### Mounting plate, OMP

**Description:** Steel mounting plate for OABP/OPCP boxes.

**Material:** 1.5 mm galvanized steel.

**Pack quantity:** 1 piece.

| For box |     | Mounting plate dimensions |     | Item no. |
|---------|-----|---------------------------|-----|----------|
| H       | W   | h                         | w   |          |
| 200     | 200 | 160                       | 160 | OMP2020E |
| 200     | 300 | 160                       | 260 | OMP2030E |
| 200     | 400 | 160                       | 360 | OMP2040E |
| 300     | 300 | 260                       | 260 | OMP3030E |
| 300     | 400 | 260                       | 360 | OMP3040E |
| 300     | 600 | 260                       | 560 | OMP3060E |
| 400     | 600 | 360                       | 560 | OMP4060E |



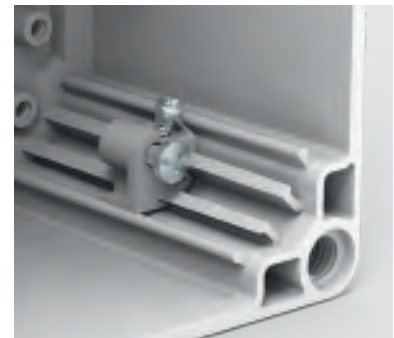
3

### Mounting plate depth adjustment kit, OEL

**Description:** Allows adjusting the mounting plate at any depth.

**Pack quantity:** OEL1E: 1 piece, and OELA1.04E: 4 pieces.

| Item no.  |
|-----------|
| OELA1.04E |
| OEL1E     |



### DIN rail, DR3

**Description:** DIN rail 35 mm for OABP/OPCP boxes.

**Material:** Galvanized steel.

**Pack quantity:** 1 piece.

| For box |  | Item no.  |
|---------|--|-----------|
| H/W     |  |           |
| 200     |  | DR351505E |
| 300     |  | DR352505E |
| 400     |  | DR353505E |



# Terminal Boxes

## Polycarbonate Range

### Accessories

#### Wall mounting brackets, OFL

|                       |                                                                                                                                 |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | Mounting brackets for wall fixing. Can be mounted in three different directions and will support approximately a load of 600 N. |
| <b>Material:</b>      | Polyamide.                                                                                                                      |
| <b>Finish:</b>        | RAL 7035.                                                                                                                       |
| <b>Pack quantity:</b> | 4 brackets with mounting accessories.                                                                                           |
|                       |                                                                                                                                 |
| <b>Item no.</b>       |                                                                                                                                 |
| OFL1E                 |                                                                                                                                 |



#### Hinges, OHI

|                       |                                                                      |
|-----------------------|----------------------------------------------------------------------|
| <b>Description:</b>   | Using this accessory the cover can be hinged. Machining is required. |
| <b>Material:</b>      | Polycarbonate.                                                       |
| <b>Finish:</b>        | RAL 7035.                                                            |
| <b>Pack quantity:</b> | Set of 2 hinges with mounting accessories.                           |
|                       |                                                                      |
| <b>Item no.</b>       |                                                                      |
| OHI1E                 |                                                                      |



#### Cover plugs, OCP

|                       |                                                                                                       |
|-----------------------|-------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | Cover plugs can be used in place of the cover screws located next to the hinge, if hinges are fitted. |
| <b>Material:</b>      | Polyethylene.                                                                                         |
| <b>Pack quantity:</b> | 12 pieces.                                                                                            |
|                       |                                                                                                       |
| <b>Item no.</b>       |                                                                                                       |
| OCP1E                 |                                                                                                       |



## Wing screw, OLV

**Description:** Wing screws can be used in place of each terminal box cover screw, which will allow easier access. If hinges are fitted to the terminal box, only two wing screws will be required and must be fitted opposite the hinge.

**Pack quantity:** 24 pieces.

| Item no. |
|----------|
| OLW55E   |



## Polycarbonate extension frame, OPCP-EE

**Description:** Depth extension frame is to be used when extra depth is required in the OABP/OPCP terminal boxes.

**Material:** Polycarbonate.

**Pack quantity:** 1 piece.

| For box |     |    | Item no.     |
|---------|-----|----|--------------|
| H       | W   | D  |              |
| 200     | 200 | 55 | OPCP202006EE |
| 200     | 300 | 55 | OPCP203006EE |
| 200     | 400 | 55 | OPCP204006EE |
| 300     | 300 | 55 | OPCP303006EE |
| 300     | 400 | 55 | OPCP304006EE |
| 300     | 600 | 55 | OPCP306006EE |
| 400     | 600 | 55 | OPCP406006EE |



# Terminal Boxes

## Hazardous Location Range

### ZONEX, Stainless Steel Terminal Box, EXE-SB

|                    |                                                                                                                                                                        |                                                                                                                                                                     |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Material:</b>   | Fabricated from Type 316L stainless steel. Body: 1.5 mm. Cover: 1.5 mm. Mounting plate: 2.0 mm galvanized steel.                                                       |                                                                                                                                                                     |
| <b>Body:</b>       | M6 brass internal/external bonding provision. Full-width welded wall-mounting brackets on top and bottom. Internal weld studs for panel or DIN rail mounting brackets. |                                                                                                                                                                     |
| <b>Cover:</b>      | M6 brass internal/external bonding provision. Full-width welded wall-mounting brackets on top and bottom. Internal weld studs for panel or DIN rail mounting brackets. |                                                                                                                                                                     |
| <b>Protection:</b> | IP 66   TYPE 4, 4X, 12                                                                                                                                                 |                                                                                                                                                                     |
| <b>Finish:</b>     | 320 grain brushed finish.                                                                                                                                              |                                                                                                                                                                     |
| <b>Approvals:</b>  | <b>ATEX Directive 94/9/EC</b><br>Sira 09ATEX3224U<br>Ex eb IIC Gb<br>Ex tb IIIC Db IP 66<br>EN60079-0:2009<br>EN60079-7:2007<br>EN61241-0:2006<br>EN61241-1:2004       | <b>IECEX</b><br>IECEX SIR 09.0099U<br>Ex eb IIC Gb<br>Ex tb IIIC Db IP 66<br>IEC 60079-0:2007-2010<br>IEC 60079-7:2006-2007<br>IEC 61241-0:2004<br>IEC 61241-1:2004 |
| <b>Delivery:</b>   | Enclosure with cover, cover screws, mounting plate and mounting accessories.                                                                                           |                                                                                                                                                                     |
| <b>Note:</b>       | nVent HOFFMAN ATEX Ex e enclosures are not intended for use in explosion-proof or flame-proof applications.                                                            |                                                                                                                                                                     |



| H   | W   | D   | Mounting Plate Height | Mounting Plate Width | Item no.      |
|-----|-----|-----|-----------------------|----------------------|---------------|
| 102 | 102 | 76  | 84,8                  | 84,8                 | EXE101008SS6E |
| 152 | 152 | 102 | 134,8                 | 134,8                | EXE151510SS6E |
| 178 | 178 | 102 | 160,8                 | 160,8                | EXE181810SS6E |
| 216 | 146 | 127 | 198,8                 | 128,8                | EXE221513SS6E |
| 254 | 254 | 127 | 236,8                 | 236,8                | EXE252513SS6E |

# Terminal Boxes

## Hazardous Location Range

### ZONEX, Polyester Terminal Box, EXE-NB

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | Polyester terminal box for increased safety Ex e applications. Compression-moulded glass fibre reinforced polyester with added agents to address static charge build-up. Internal M4 or M6 stainless steel inserts for DIN- and panel-mounting. Mounting location dimensions are moulded into the back side of the enclosure. Covered mounting screw provisions outside of gasketed area.                                                                                                                                                                                    |
| <b>Material:</b>              | Body and cover: Compression-moulded, high-impact strength, glass fibre reinforced polyester. Screws: Stainless steel.                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Gasket:</b>                | Retained, continuous, high-temperature silicone gasket within a labyrinth seal between cover and body.                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Operating temperature:</b> | -50 to +100 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Flammability:</b>          | UL 94 V-0.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Protection:</b>            | IP 66   TYPE 4, 4X, 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Finish:</b>                | Moulded material has a smooth, low-gloss, black finish RAL 9005.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Approvals:</b>             | <div> <b>ATEX DIRECTIVE 94/9/EC</b><br/>           ATEX<br/>           TUV 13 ATEX120808U<br/>           Ex eb IIC Gb<br/>           Ex tb IIIC Db IP 66<br/>           EN60079-0<br/>           EN60079-7<br/>           EN60079-31<br/>           Service temperature -50 to +100 °C         </div> <div> <b>IECEX</b><br/>           IECEX TUV 13.0001U<br/>           Ex eb IIC Gb<br/>           Ex tb IIIC Db IP 66<br/>           IEC 60079-0<br/>           IEC 60079-7<br/>           IEC 60079-31<br/>           Service temperature -50 to +100 °C         </div> |
| <b>Delivery:</b>              | Body, door and cover screws.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Note:</b>                  | This is not an explosion-proof enclosure. Mounting plate available separately.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |



| H   | W   | D   | Item no.     |
|-----|-----|-----|--------------|
| 75  | 80  | 55  | EXE807555    |
| 75  | 80  | 75  | EXE807575    |
| 75  | 110 | 55  | EXE1107555   |
| 75  | 110 | 75  | EXE1107575   |
| 75  | 160 | 55  | EXE1607555   |
| 75  | 160 | 75  | EXE1607575   |
| 75  | 190 | 55  | EXE1907555   |
| 75  | 190 | 75  | EXE1907575   |
| 120 | 122 | 90  | EXE12212090  |
| 120 | 220 | 90  | EXE22012090  |
| 160 | 160 | 90  | EXE16016090  |
| 160 | 260 | 90  | EXE26016090  |
| 160 | 360 | 90  | EXE36016090  |
| 160 | 560 | 90  | EXE56016090  |
| 250 | 255 | 120 | EXE255250120 |
| 250 | 400 | 120 | EXE400250120 |
| 405 | 400 | 120 | EXE400405120 |









## 04 Human Machine Interface

### PC Enclosure Range

|                        |     |
|------------------------|-----|
| PC Enclosure, MCM..... | 434 |
|------------------------|-----|

### Console Range

|                           |     |
|---------------------------|-----|
| Compact console, MPG..... | 438 |
| Modular console, MPC..... | 442 |

|                            |     |
|----------------------------|-----|
| Compact console, MPGS..... | 450 |
| Modular console, MPCS..... | 454 |

|                               |     |
|-------------------------------|-----|
| Accessories for consoles..... | 462 |
|-------------------------------|-----|

### Swing Arm System

|                                        |     |
|----------------------------------------|-----|
| Control enclosure, OICE.....           | 468 |
| Accessories for control enclosure..... | 472 |

|                                    |     |
|------------------------------------|-----|
| Control panel, OICP.....           | 474 |
| Accessories for control panel..... | 478 |

|                                 |     |
|---------------------------------|-----|
| Light swing arm system, S1..... | 480 |
| Accessories.....                | 482 |

|                                  |     |
|----------------------------------|-----|
| Medium swing arm system, S2..... | 490 |
| Accessories.....                 | 492 |



# Human Machine Interface PC Enclosure Range | Mild Steel Mild steel | MCM

IP 44 | IK 10



**Material:**

Frame: 1.5 mm steel plate. Roof and side panels: 1.35 mm steel plate. Doors: 2 mm steel plate. Bottom plates: 1 mm galvanized steel.

**Frame:**

Seam welded reversed open profiles with 25 mm hole pattern, according to DIN 43660. Including integrated external hole pattern.

**Door:**

Mounted with two hinges per door. Top door with safety glass. Viewing area for 14"-21" monitor. Two C21323 locks for the top door, and espagnolette two point locking system, with standard 3 mm double-bit lock for the bottom door.

**Rear door:**

Mounted with hinges, allowing left or right hand opening. Including door frame, with 25 mm hole pattern. Espagnolette four point locking system, with standard 3 mm double-bit lock.

**Keyboard panel:**

Vertical opening keyboard panel. Sliding mouse pad, allowing left or right hand use. Max keyboard dimensions: 470 × 190 × 45 mm. C21323 lock.

**Bottom plates:**

Consists of three or four (D > 600) pieces.

**Finish:**

Two tone finish. Doors, side panels, roof and frame in RAL 7035 structured powder coating. Keyboard side panels and monitor door top cover in RAL 7015 structured powder coating. Other colour schemes optional.

**Features:**

Special design of roof and side panels for theft security. All panels are only accessible when the doors are unlocked. Your own company name can be inserted in the top cover (option).

**Protection:**

IP 44 | IK 10. With keyboard tray opened, reduces to IP 30.

**Mounting requirements:**

Equipment shelves need to be added.

**Delivery:**

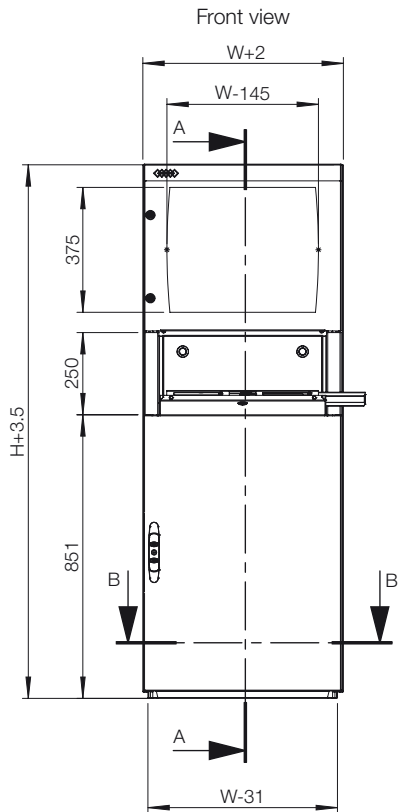
Frame with fitted rear door, side panels, roof panel, monitor door, keyboard panel, bottom plates and monitor shelf, with clamps to fix the monitor. Delivery also includes earthing bolts. The enclosure is delivered on a pallet identical to the enclosure width. All packing material is recyclable.



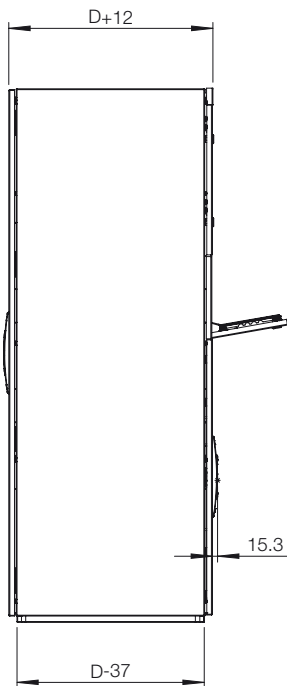
# Dimensional table | MCM

## IP 44 | IK 10

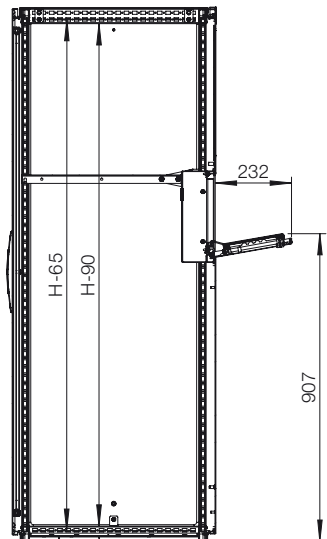
| Enclosure dimensions |     |     | Item no. |
|----------------------|-----|-----|----------|
| H Plinth             | W   | D   |          |
| 1600                 | 600 | 600 | MCM16066 |
| 1600                 | 600 | 800 | MCM16068 |



Side view

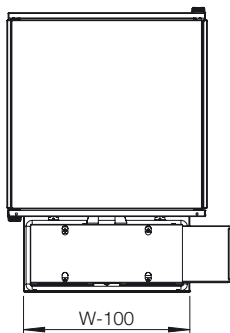


Sectional side view

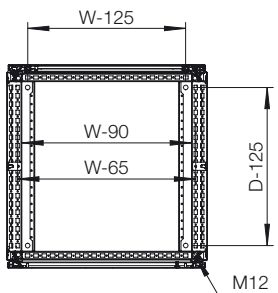


SECTION A-A

Top view



Sectional top view  
(without bottom plates)



SECTION B-B

# Human Machine Interface

## Console Range | Mild Steel

### Compact | MPG

IP 66 | TYPE 4, 12, 13 | IK 10 (single door); IP 55 | TYPE 12, 13 | IK 10 (double door)



**Material:**

Body and door: 1.5 mm mild steel. Rear panel: 1.5 mm mild steel. Bottom plates: 1.2 mm galvanized steel. Mounting plate: 2.5 mm galvanized steel.

**Body:**

Folded and seam welded. Console construction includes a base that provides a distance between the floor and the lower part of the door/s, acting as an integrated plinth.

**Doors and panels:**

Single folded surface mounted with hinges, allowing left and right-hand opening to base door. Angle 12° from horizontal. Concealed hinges on top edge allow 90° opening. Panel held open by self engage/self release mechanical panel stay. Double door on 1200 and 1600 mm wide base units.

**Mounting plate:**

Standard mounting plate in base unit.

**Lock:**

Double-bit 3 mm locks for top panel. For base, two double-bit 3 mm locks. Other options available. See wall mounting section.

**Cable inlet:**

Bottom opening for cable access. Bottom plates for cable glanding supplied as standard.

**Earthing:**

M8 threaded studs on body, door, top panel and rear panel.

**Finish:**

RAL 7035 structured powder coating.

**Protection:**

Single door: IP 66 | TYPE 4, 12, 13 | IK 10. Double door: IP 55 | TYPE 12, 13 | IK 10.

**Delivery:**

Mounting plate and suitable nuts and washers for earthing. The console is delivered on a wooden pallet.



# Dimensional table | MPG

IP 66 | TYPE 4, 12, 13 | IK 10 (single door); IP 55 | TYPE 12, 13 | IK 10 (double door)

Mild steel

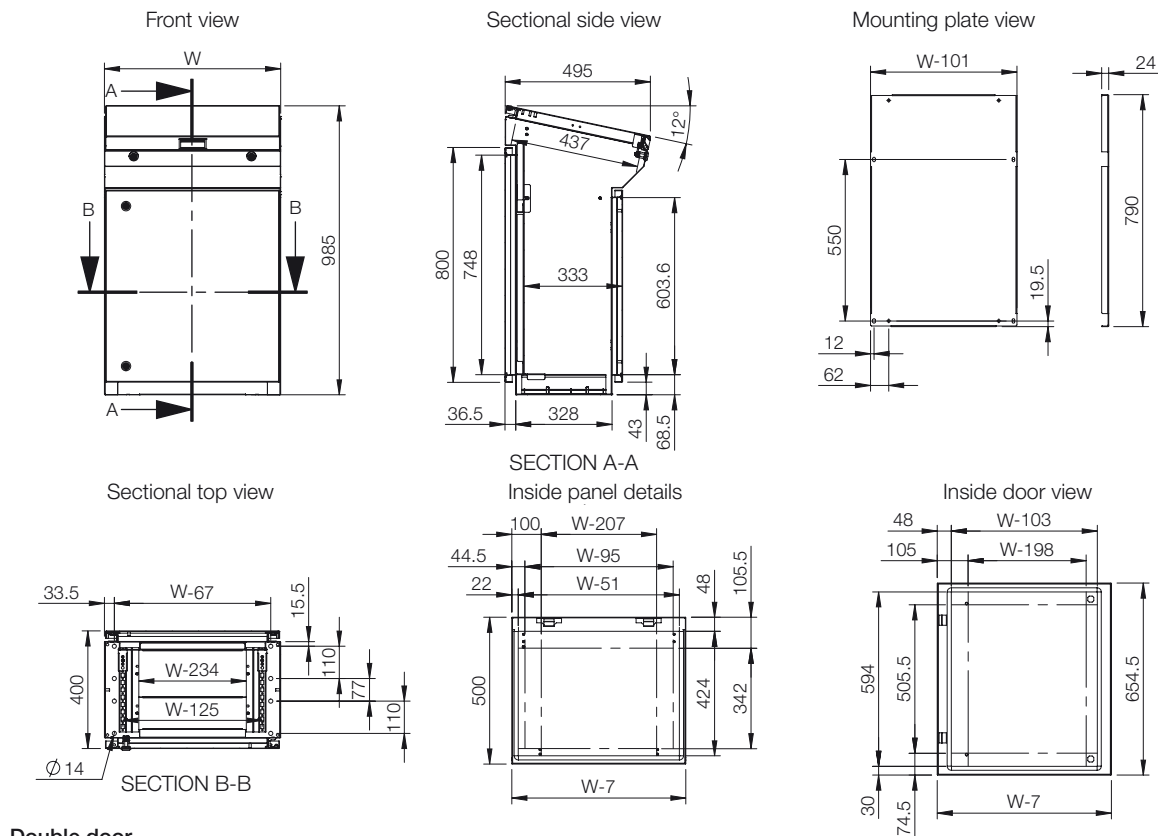
| Enclosure dimensions |      |     | Mounting plate dimensions |      | Usable depth | Item no. |
|----------------------|------|-----|---------------------------|------|--------------|----------|
| H                    | W    | D   | h                         | w    | d            |          |
| 985                  | 600  | 400 | 790                       | 499  | 333          | MPG06R5  |
| 985                  | 800  | 400 | 790                       | 699  | 333          | MPG08R5  |
| 985                  | 1000 | 400 | 790                       | 899  | 333          | MPG10R5  |
| 985                  | 1200 | 400 | 790                       | 1099 | 333          | MPG12R5  |
| 985                  | 1600 | 400 | 790                       | 1499 | 333          | MPG16R5  |

Note: Only 1200 mm and 1600 mm wide consoles have double door.

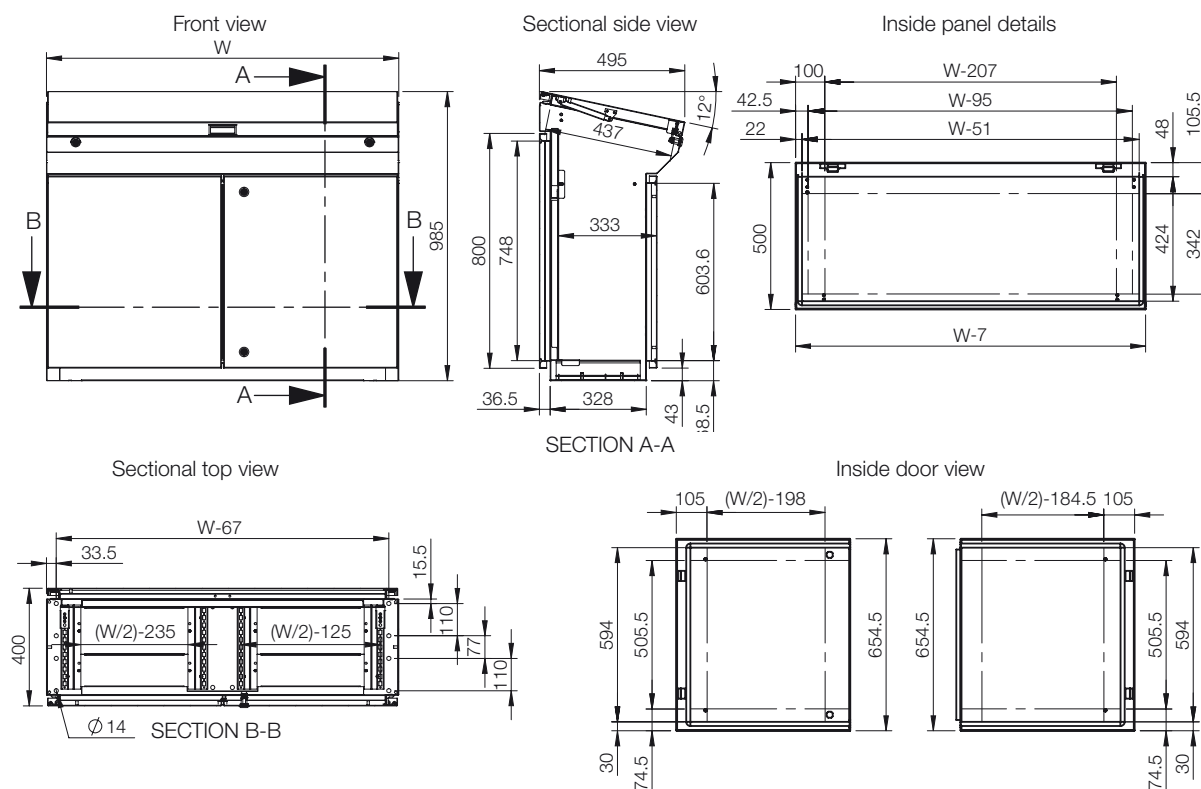




## Single door



## Double door



# Human Machine Interface

## Console Range | Mild Steel

### Modular | MPC

IP 66 | TYPE 4, 12, 13 | IK 10 (single door); IP 55 | TYPE 12, 13 | IK 10 (double door)



**Material:**

Body and door: 1.5 mm mild steel. Rear panel: 1.5 mm mild steel. Bottom plates: 1.2 mm galvanized steel. Mounting plate: 2.5 mm galvanized steel.

**Body:**

Folded and seam welded. Console construction includes a base that provides a distance between the floor and the lower part of the door/s, acting as an integrated plinth.

**Doors and panels:**

Single folded surface mounted with hinges, allowing left and right-hand opening to base door. Top section and desk panels held open by self engage/self release mechanical panel stays. Concealed hinges, allowing 90° opening on the desk. Double door on 1200 and 1600 mm wide base units.

**Mounting plate:**

Standard mounting plate in base unit. Fixed by fixing brackets on C rail, top and bottom, for depth adjustment. Optional in desk and top section units.

**Lock:**

Double-bit 3 mm locks for top section and desk unit. For base, two double-bit 3 mm locks. Other options available. See wall mounting section.

**Cable access:**

Bottom opening in base unit for cable access. Bottom plates for cable glanding supplied as standard.

**Earthing:**

M8 threaded studs on bodies, doors and rear panels.

**Finish:**

RAL 7035 structured powder coating.

**Protection:**

Single door: IP 66 | TYPE 4, 12, 13 | IK 10. Double door: IP 55 | TYPE 12, 13 | IK 10.

**Delivery:**

The base unit is provided with a mounting plate as standard. Desk and top section units have mounting plates provided as accessories. All top and base openings can be closed by choosing the appropriate accessory plate. Suitable nuts and washers for the various earthing studs are provided.



## Dimensional table | MPC

### IP 66 | TYPE 4, 12, 13 | IK 10 (single door); IP 55 | TYPE 12, 13 | IK 10 (double door)

Top section units | Mild steel

| Enclosure dimensions |      |     | Item no. |
|----------------------|------|-----|----------|
| H                    | W    | D   |          |
| 500                  | 600  | 494 | MPC061R5 |
| 500                  | 800  | 494 | MPC081R5 |
| 500                  | 1000 | 494 | MPC101R5 |
| 500                  | 1200 | 494 | MPC121R5 |
| 500                  | 1600 | 494 | MPC161R5 |

Desk units | Mild steel

| Enclosure dimensions |      |     | Item no. |
|----------------------|------|-----|----------|
| H                    | W    | D   |          |
| 250                  | 600  | 985 | MPC062R5 |
| 250                  | 800  | 985 | MPC082R5 |
| 250                  | 1000 | 985 | MPC102R5 |
| 250                  | 1200 | 985 | MPC122R5 |
| 250                  | 1600 | 985 | MPC162R5 |

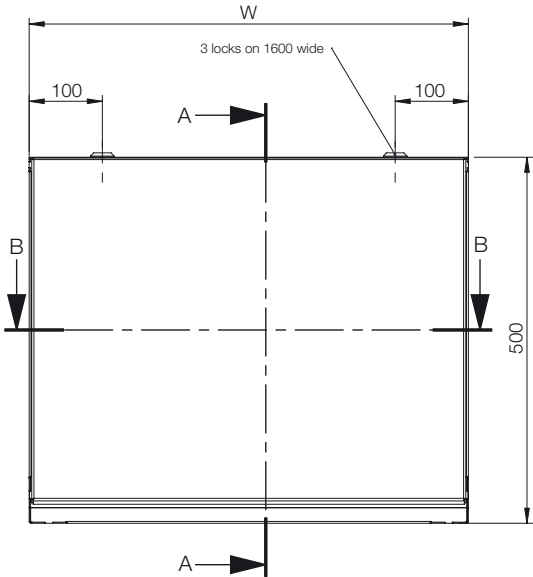
Base units with mounting plate | Mild steel

| Enclosure dimensions |      |     | Mounting plate dimensions |      | Usable depth | Item no. |
|----------------------|------|-----|---------------------------|------|--------------|----------|
| H                    | W    | D   | h                         | w    | d            |          |
| 700                  | 600  | 500 | 590                       | 499  | 470.5        | MPC063R5 |
| 700                  | 800  | 500 | 590                       | 699  | 470.5        | MPC083R5 |
| 700                  | 1000 | 500 | 590                       | 899  | 470.5        | MPC103R5 |
| 700                  | 1200 | 500 | 590                       | 1099 | 470.5        | MPC123R5 |
| 700                  | 1600 | 500 | 590                       | 1499 | 470.5        | MPC163R5 |

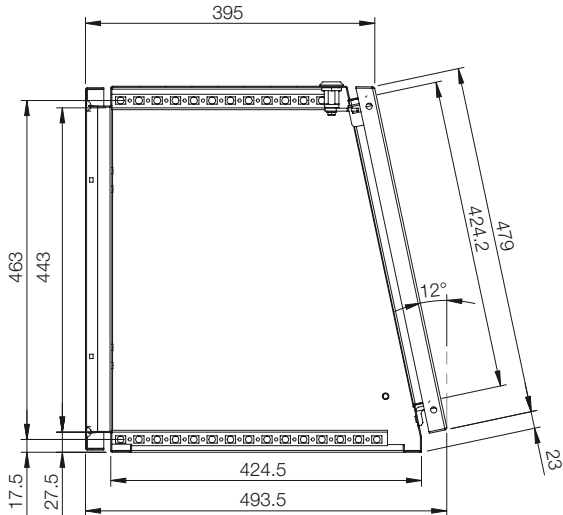
Note: Only 1200 mm and 1600 mm wide consoles have double door.

Top section units

Front view

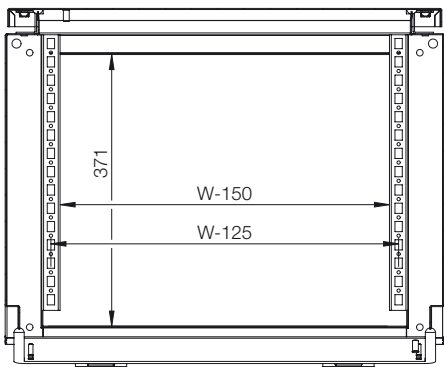


Sectional side view



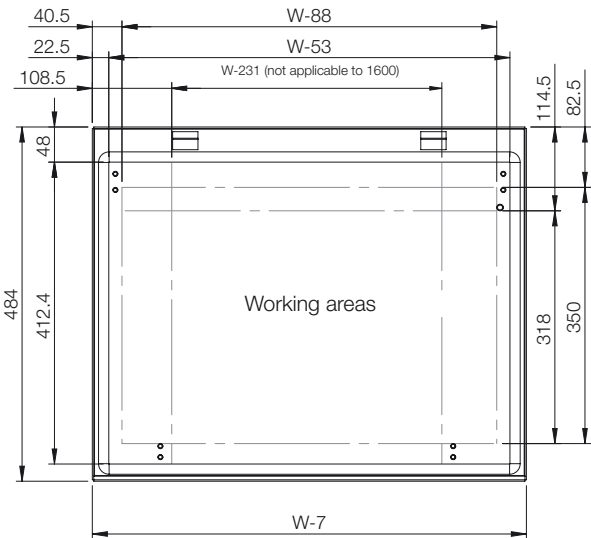
SECTION A-A

Sectional top view



SECTION B-B

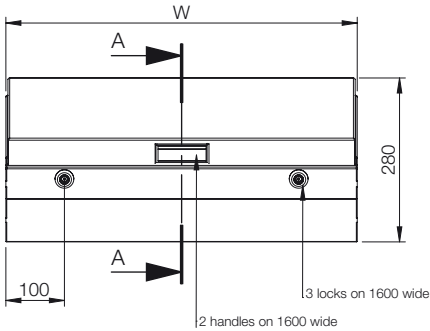
Inside panel view



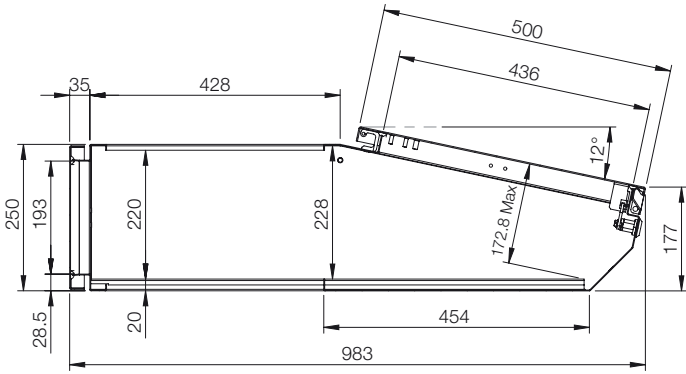
# Dimensional drawing | MPC

Desk unit

Front view

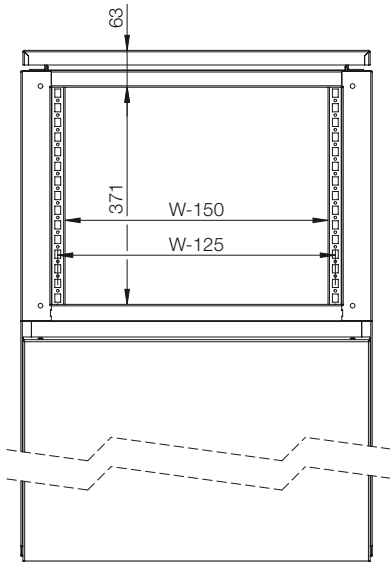


Sectional side view

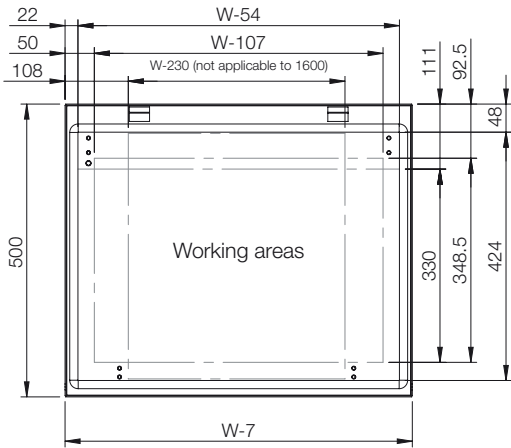


SECTION A-A

Top view

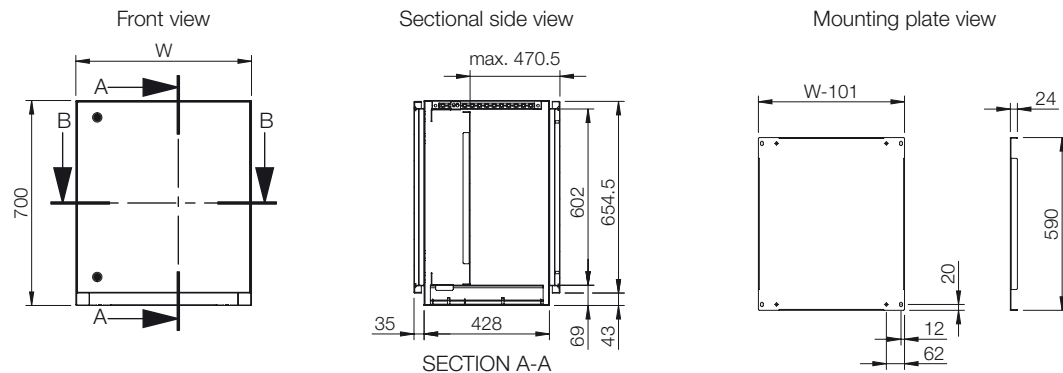


Inside panel view

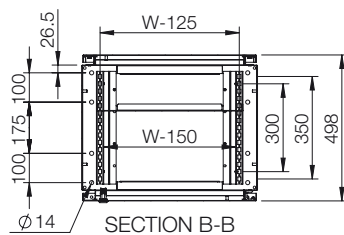


## Base unit with mounting plate

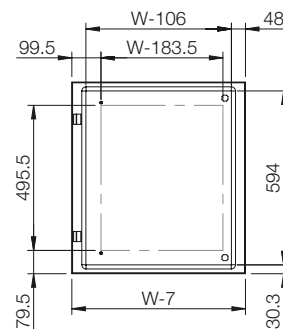
### Single door



### Sectional top view

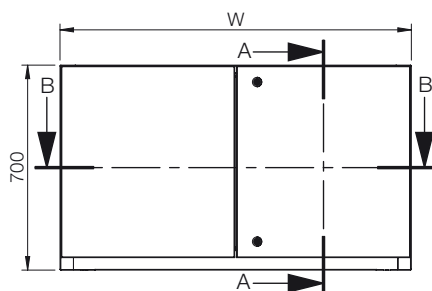


### Inside door view

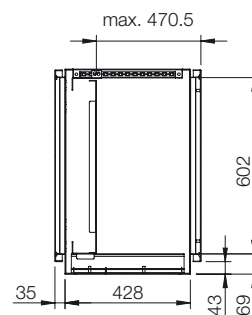


### Double door

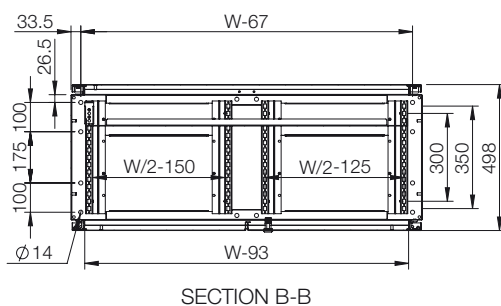
#### Front view



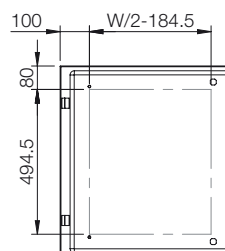
#### Sectional side view



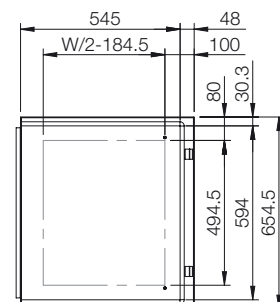
### Sectional top view



### Inside right door view

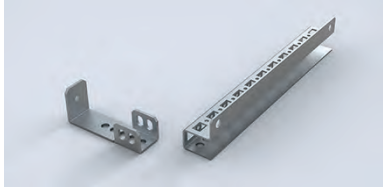


### Inside left door view



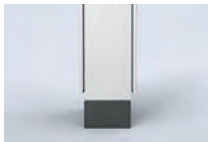


## Accessories selection matrix | MPG

|                |          |          |          |                                                                                    |                                                                                     |
|----------------|----------|----------|----------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                |          |          |          |  |  |
| <b>Console</b> |          |          |          | <b>Mounting</b>                                                                    |                                                                                     |
|                | <b>H</b> | <b>W</b> | <b>D</b> | <b>Mounting plate</b>                                                              | <b>Mounting plate depth adjustment kit</b>                                          |
| MPG06R5        | 985      | 600      | 400      | GCPZ06                                                                             | MPGDA01                                                                             |
| MPG08R5        | 985      | 800      | 400      | GCPZ08                                                                             | MPGDA01                                                                             |
| MPG10R5        | 985      | 1000     | 400      | GCPZ10                                                                             | MPGDA01                                                                             |
| MPG12R5        | 985      | 1200     | 400      | GCPZ12                                                                             | MPGDA01                                                                             |
| MPG16R5        | 985      | 1600     | 400      | GCPZ16                                                                             | MPGDA01                                                                             |

|                |          |          |          |                                                                                    |                                                                                    |                                                                                     |                                                                                      |
|----------------|----------|----------|----------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|                |          |          |          |  |  |  |  |
| <b>Console</b> |          |          |          | <b>Fixing</b>                                                                      |                                                                                    |                                                                                     |                                                                                      |
|                | <b>H</b> | <b>W</b> | <b>D</b> | <b>Front/rear plinths (100 mm height)</b>                                          | <b>Side plinths (100 mm height)</b>                                                | <b>Front/rear plinths (200 mm height)</b>                                           | <b>Side plinths (200 mm height)</b>                                                  |
| MPG06R5        | 985      | 600      | 400      | PF1060                                                                             | PST1040                                                                            | PF2060                                                                              | PST2040                                                                              |
| MPG08R5        | 985      | 800      | 400      | PF1080                                                                             | PST1040                                                                            | PF2080                                                                              | PST2040                                                                              |
| MPG10R5        | 985      | 1000     | 400      | PF1100                                                                             | PST1040                                                                            | PF2100                                                                              | PST2040                                                                              |
| MPG12R5        | 985      | 1200     | 400      | PF1120                                                                             | PST1040                                                                            | PF2120                                                                              | PST2040                                                                              |
| MPG16R5        | 985      | 1600     | 400      | 2x PF1080                                                                          | PST1040                                                                            | 2x PF2080                                                                           | PST2040                                                                              |

|          |     |      |     |  |  |  |  |
|----------|-----|------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Console  |     |      |     | Mounting                                                                          |                                                                                   | Lids                                                                                |                                                                                     |
|          | H   | W    | D   | Mounting plate                                                                    | Segregation plate                                                                 | Cover plate                                                                         | Stainless steel panel                                                               |
| MPC061R5 | 500 | 600  | 494 | CDPZ06                                                                            | -                                                                                 | -                                                                                   | MPPS061                                                                             |
| MPC081R5 | 500 | 800  | 494 | CDPZ08                                                                            | -                                                                                 | -                                                                                   | MPPS081                                                                             |
| MPC101R5 | 500 | 1000 | 494 | CDPZ10                                                                            | -                                                                                 | -                                                                                   | MPPS101                                                                             |
| MPC121R5 | 500 | 1200 | 494 | CDPZ12                                                                            | -                                                                                 | -                                                                                   | MPPS121                                                                             |
| MPC161R5 | 500 | 1600 | 494 | CDPZ16                                                                            | -                                                                                 | -                                                                                   | MPPS161                                                                             |
| MPC062R5 | 250 | 600  | 985 | CDPZ06                                                                            | SGPZ06                                                                            | BDP06R5                                                                             | MPLS062                                                                             |
| MPC082R5 | 250 | 800  | 985 | CDPZ08                                                                            | SGPZ08                                                                            | BDP08R5                                                                             | MPLS082                                                                             |
| MPC102R5 | 250 | 1000 | 985 | CDPZ10                                                                            | SGPZ10                                                                            | BDP10R5                                                                             | MPLS102                                                                             |
| MPC122R5 | 250 | 1200 | 985 | CDPZ12                                                                            | SGPZ12                                                                            | BDP12R5                                                                             | MPLS122                                                                             |
| MPC162R5 | 250 | 1600 | 985 | CDPZ16                                                                            | SGPZ16                                                                            | BDP16R5                                                                             | MPLS162                                                                             |
| MPC063R5 | 700 | 600  | 500 | CBPZ06                                                                            | -                                                                                 | BDP06R5                                                                             | -                                                                                   |
| MPC083R5 | 700 | 800  | 500 | CBPZ08                                                                            | -                                                                                 | BDP08R5                                                                             | -                                                                                   |
| MPC103R5 | 700 | 1000 | 500 | CBPZ10                                                                            | -                                                                                 | BDP10R5                                                                             | -                                                                                   |
| MPC123R5 | 700 | 1200 | 500 | CBPZ12                                                                            | -                                                                                 | BDP12R5                                                                             | -                                                                                   |
| MPC163R5 | 700 | 1600 | 500 | CBPZ16                                                                            | -                                                                                 | BDP16R5                                                                             | -                                                                                   |

|          |     |      |     |  |  |  |  |
|----------|-----|------|-----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Console  |     |      |     | Fixing                                                                              |                                                                                     |                                                                                      |                                                                                       |
|          | H   | W    | D   | Front/rear plinths (100 mm height)                                                  | Plinth side panels (100 mm height)                                                  | Front/rear plinths (200 mm height)                                                   | Plinth side panels (200 mm height)                                                    |
| MPC061R5 | 500 | 600  | 494 | -                                                                                   | -                                                                                   | -                                                                                    | -                                                                                     |
| MPC081R5 | 500 | 800  | 494 | -                                                                                   | -                                                                                   | -                                                                                    | -                                                                                     |
| MPC101R5 | 500 | 1000 | 494 | -                                                                                   | -                                                                                   | -                                                                                    | -                                                                                     |
| MPC121R5 | 500 | 1200 | 494 | -                                                                                   | -                                                                                   | -                                                                                    | -                                                                                     |
| MPC161R5 | 500 | 1600 | 494 | -                                                                                   | -                                                                                   | -                                                                                    | -                                                                                     |
| MPC062R5 | 250 | 600  | 985 | -                                                                                   | -                                                                                   | -                                                                                    | -                                                                                     |
| MPC082R5 | 250 | 800  | 985 | -                                                                                   | -                                                                                   | -                                                                                    | -                                                                                     |
| MPC102R5 | 250 | 1000 | 985 | -                                                                                   | -                                                                                   | -                                                                                    | -                                                                                     |
| MPC122R5 | 250 | 1200 | 985 | -                                                                                   | -                                                                                   | -                                                                                    | -                                                                                     |
| MPC162R5 | 250 | 1600 | 985 | -                                                                                   | -                                                                                   | -                                                                                    | -                                                                                     |
| MPC063R5 | 700 | 600  | 500 | PF1060                                                                              | PST1050                                                                             | PF2060                                                                               | PST2050                                                                               |
| MPC083R5 | 700 | 800  | 500 | PF1080                                                                              | PST1050                                                                             | PF2080                                                                               | PST2050                                                                               |
| MPC103R5 | 700 | 1000 | 500 | PF1100                                                                              | PST1050                                                                             | PF2100                                                                               | PST2050                                                                               |
| MPC123R5 | 700 | 1200 | 500 | PF1120                                                                              | PST1050                                                                             | PF2120                                                                               | PST2050                                                                               |
| MPC163R5 | 700 | 1600 | 500 | 2x PF1080                                                                           | PST1050                                                                             | 2x PF2080                                                                            | PST2050                                                                               |

# Human Machine Interface

## Console Range | Stainless Steel

### Compact | MPGS

IP 66 | TYPE 4X, 12, 13 | IK 10 (single door); IP 55 | TYPE 12, 13 | IK 10 (double door)



**Material:**

AISI 304 pre-grained stainless steel / AISI 316L (on request). Body and door: 2 mm. Rear panel: 1.5 mm. Bottom plates: 1.5 mm. Mounting plate: 2.5 mm galvanized steel.

**Body:**

Folded and seam welded. Console construction includes a base that provides a distance between the floor and the lower part of the door/s, acting as an integrated plinth.

**Doors and panels:**

Single folded surface mounted with hinges, allowing left and right-hand opening to base door. Angle 12° from horizontal. Concealed hinges, on top edge, allow 90° opening. Panel held open by self engage/self release mechanical panel stay. Double door on 1200 wide base units.

**Mounting plate:**

Standard mounting plate in base unit.

**Lock:**

Double-bit 3 mm locks for top panel. For base, two double-bit 3 mm locks. Other options available. See wall mounting section.

**Cable inlet:**

Bottom opening for cable access. Bottom plate for cable glanding supplied as standard.

**Earthing:**

M8 threaded studs on body, door, top panel and rear panel.

**Finish:**

400 pre-grained stainless steel.

**Protection:**

Single door: IP 66 | TYPE 4X, 12, 13 | IK 10. Double door: IP 55 | TYPE 12, 13 | IK 10.

**Delivery:**

Mounting plate and suitable nuts and washers for earthing. The console is delivered on a wooden pallet.



# Dimensional table | MPGS

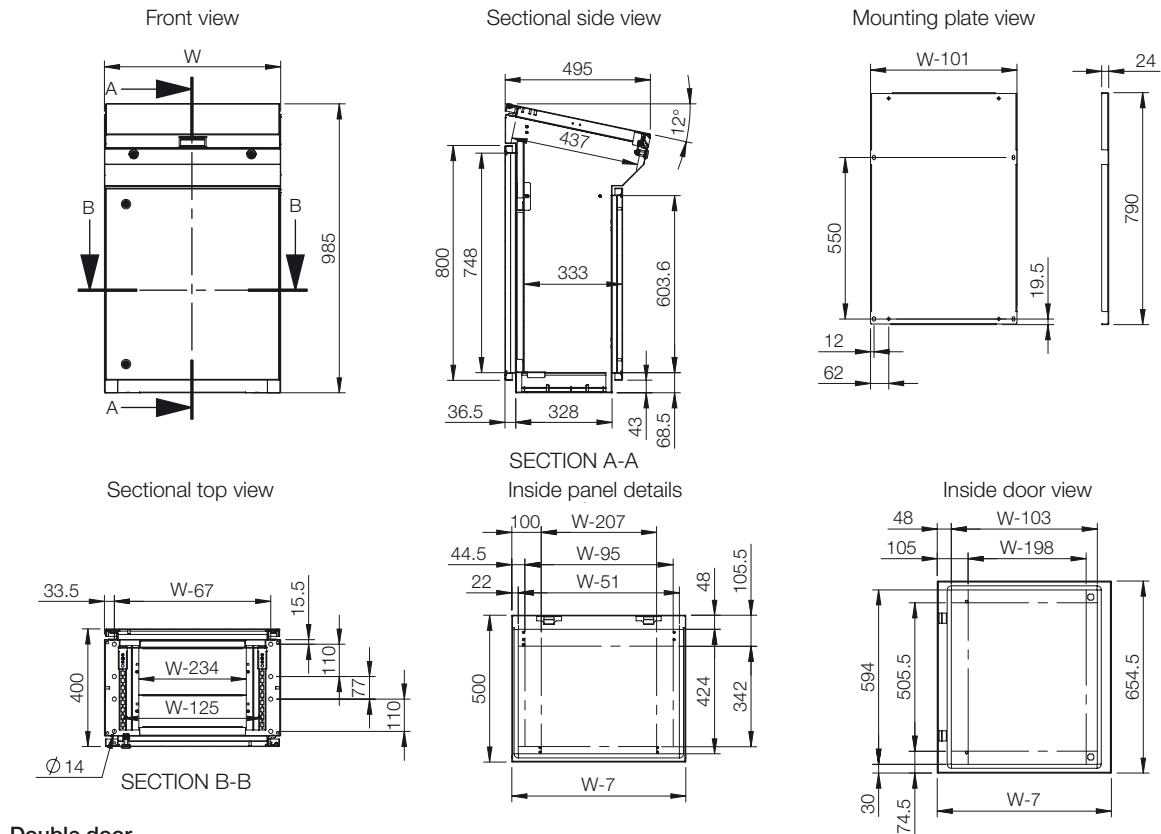
## IP 66 | TYPE 4X, 12, 13 | IK 10 (single door); IP 55 | TYPE 12, 13 | IK 10 (double door)

Stainless steel

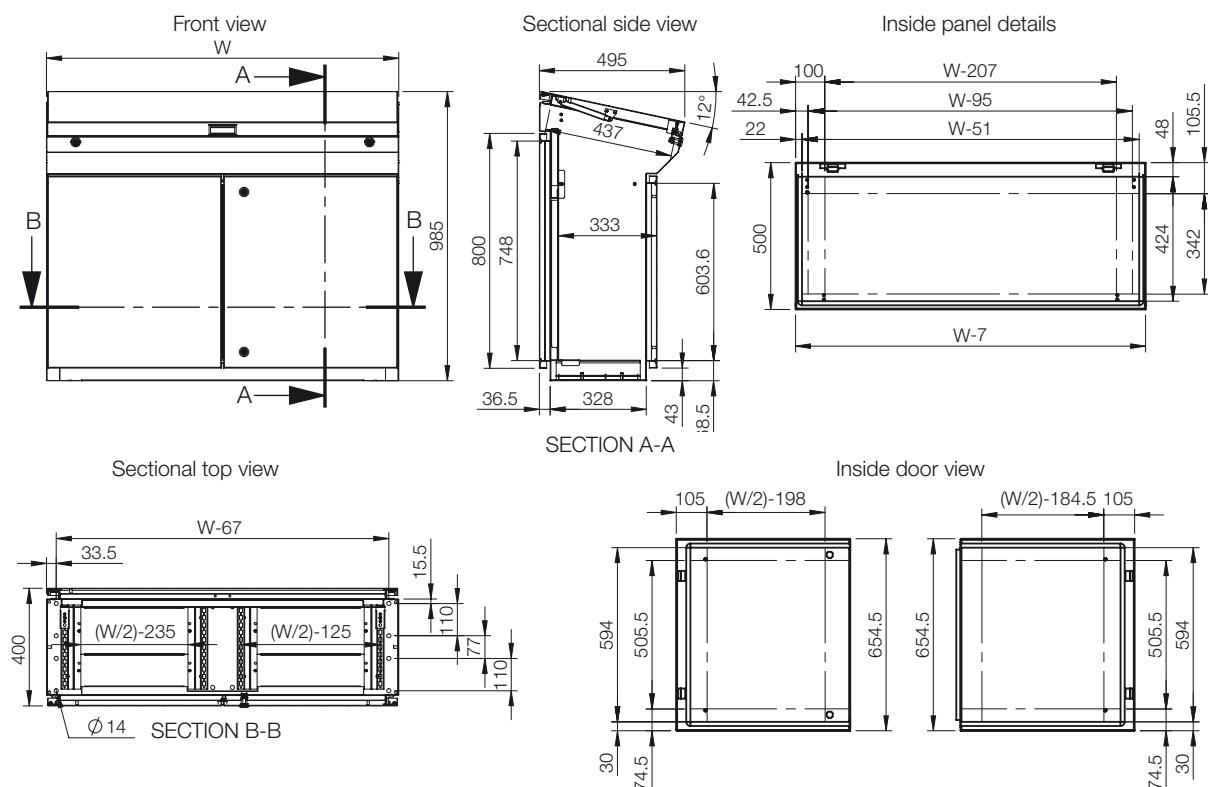
| Enclosure dimensions |      |     | Mounting plate dimensions |      | Usable depth | Item no.    |
|----------------------|------|-----|---------------------------|------|--------------|-------------|
| H                    | W    | D   | h                         | w    | d            |             |
| 985                  | 600  | 400 | 790                       | 499  | 357.5        | MPGS06      |
| 985                  | 600  | 400 | 790                       | 499  | 357.5        | MPGS06-316* |
| 985                  | 800  | 400 | 790                       | 699  | 357.5        | MPGS08      |
| 985                  | 800  | 400 | 790                       | 699  | 357.5        | MPGS08-316* |
| 985                  | 1000 | 400 | 790                       | 899  | 357.5        | MPGS10      |
| 985                  | 1000 | 400 | 790                       | 899  | 357.5        | MPGS10-316* |
| 985                  | 1200 | 400 | 790                       | 1099 | 357.5        | MPGS12      |
| 985                  | 1200 | 400 | 790                       | 1099 | 357.5        | MPGS12-316* |

Note: Only 1200 mm wide consoles have double door. \* On request.

## Single door



## Double door



# Human Machine Interface

## Console Range | Stainless Steel

### Modular | MPCS

IP 66 | TYPE 4X, 12, 13 | IK 10 (single door); IP 55 | TYPE 12, 13 | IK 10 (double door)





**Material:**

AISI 304 pre-grained stainless steel / AISI 316L (on request). Body and door: 2 mm. Rear panel: 1.5 mm. Bottom plates: 1.5 mm. Mounting plate: 2.5 mm galvanized steel.

**Body:**

Folded and seam welded. Console construction includes a base that provides a distance between the floor and the lower part of the door/s, acting as an integrated plinth.

**Doors and panels:**

Single folded surface mounted with hinges, allowing left and right-hand opening to base door. Top section and desk panels held open by self engage/self release mechanical panel stays. Concealed hinges allowing 90° opening on the desk. Double doors on 1200 mm and 1600 mm wide base units.

**Mounting plate:**

Standard in base unit. Fixed by fixing brackets on C rail, top and bottom for depth adjustment. Optional in desk and top section units.

**Lock:**

Double-bit 3 mm locks for top section and desk unit. For base, two double-bit 3 mm locks. Other options available. See wall mounting section.

**Cable access:**

Bottom opening in base unit for cable access. Bottom plates for cable glanding supplied as standard.

**Earthing:**

M8 threaded studs on bodies, doors and rear panels.

**Finish:**

400 pre-grained stainless steel.

**Protection:**

Single door: IP 66 | TYPE 4X, 12, 13 | IK 10. Double door: IP 55 | TYPE 12, 13 | IK 10.

**Delivery:**

The base unit is provided with a mounting plate as standard. Desk and top section units have mounting plates provided as accessories. All top and base apertures can be closed by choosing the appropriate accessory plate. Suitable nuts and washers for the various earthing studs are provided.



## Dimensional table | MPCS

### IP 66 | TYPE 4X, 12, 13 | IK 10 (single door); IP 55 | TYPE 12, 13 | IK 10 (double door)

Top section units | Stainless steel

| Enclosure dimensions |      |     | Item no.    |
|----------------------|------|-----|-------------|
| H                    | W    | D   |             |
| 500                  | 600  | 494 | MPCS061     |
| 500                  | 600  | 494 | MPCS061-316 |
| 500                  | 800  | 494 | MPCS081     |
| 500                  | 800  | 494 | MPCS081-316 |
| 500                  | 1000 | 494 | MPCS101     |
| 500                  | 1000 | 494 | MPCS101-316 |
| 500                  | 1200 | 494 | MPCS121     |
| 500                  | 1200 | 494 | MPCS121-316 |
| 500                  | 1600 | 494 | MPCS161     |
| 500                  | 1600 | 494 | MPCS161-316 |

Desk units | Stainless steel

| Enclosure dimensions |      |     | Item no.    |
|----------------------|------|-----|-------------|
| H                    | W    | D   |             |
| 250                  | 600  | 985 | MPCS062     |
| 250                  | 600  | 985 | MPCS062-316 |
| 250                  | 800  | 985 | MPCS082     |
| 250                  | 800  | 985 | MPCS082-316 |
| 250                  | 1000 | 985 | MPCS102     |
| 250                  | 1000 | 985 | MPCS102-316 |
| 250                  | 1200 | 985 | MPCS122     |
| 250                  | 1200 | 985 | MPCS122-316 |
| 250                  | 1600 | 985 | MPCS162     |
| 250                  | 1600 | 985 | MPCS162-316 |

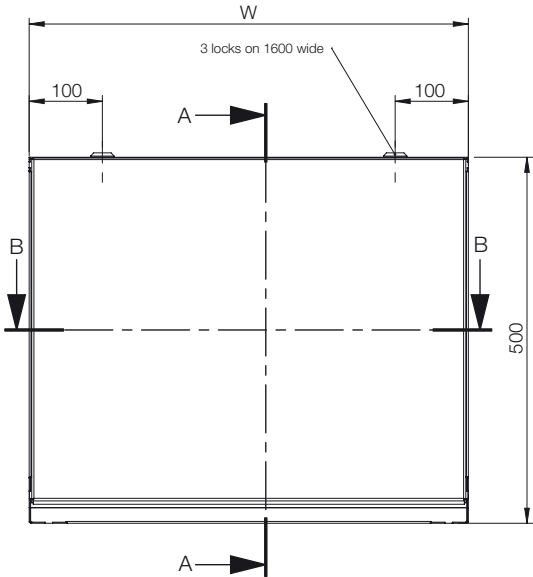
Base units with mounting plate | Stainless steel

| Enclosure dimensions |      |     | Mounting plate dimensions |      | Usable depth | Item no.    |
|----------------------|------|-----|---------------------------|------|--------------|-------------|
| H                    | W    | D   | h                         | w    | d            |             |
| 700                  | 600  | 500 | 590                       | 499  | 470.5        | MPCS063     |
| 700                  | 600  | 500 | 590                       | 499  | 470.5        | MPCS063-316 |
| 700                  | 800  | 500 | 590                       | 699  | 470.5        | MPCS083     |
| 700                  | 800  | 500 | 590                       | 699  | 470.5        | MPCS083-316 |
| 700                  | 1000 | 500 | 590                       | 899  | 470.5        | MPCS103     |
| 700                  | 1000 | 500 | 590                       | 899  | 470.5        | MPCS103-316 |
| 700                  | 1200 | 500 | 590                       | 1099 | 470.5        | MPCS123     |
| 700                  | 1200 | 500 | 590                       | 1099 | 470.5        | MPCS123-316 |
| 700                  | 1600 | 500 | 590                       | 1499 | 470.5        | MPCS163     |
| 700                  | 1600 | 500 | 590                       | 1499 | 470.5        | MPCS163-316 |

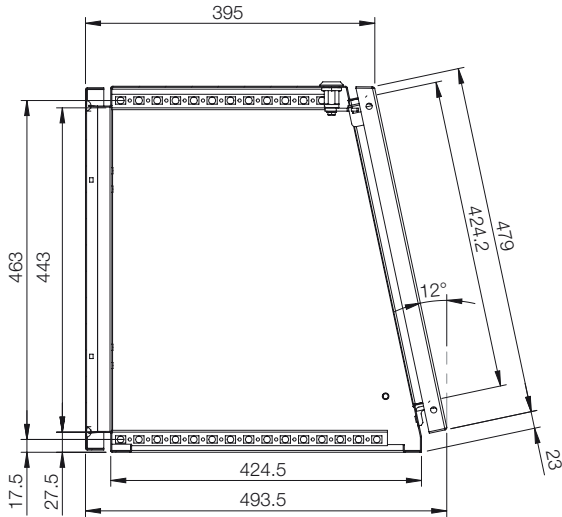
Note: Only 1200 mm and 1600 mm wide consoles have double door. \* On request.

Top section units

Front view

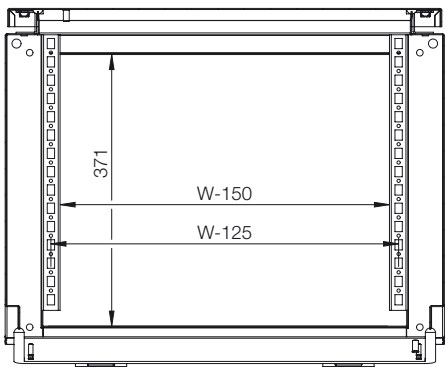


Sectional side view



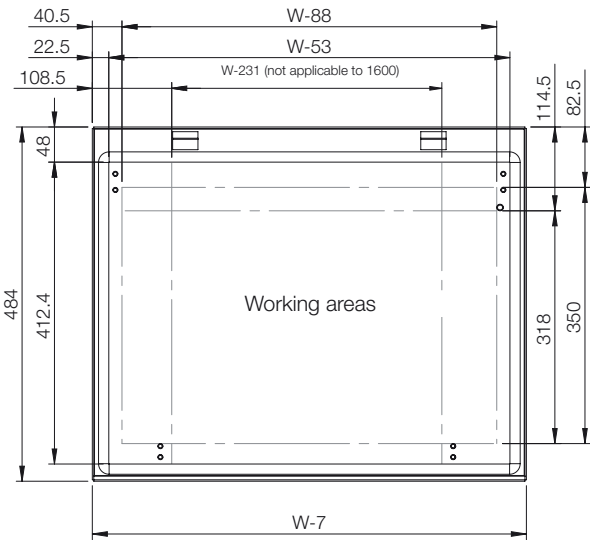
SECTION A-A

Sectional top view



SECTION B-B

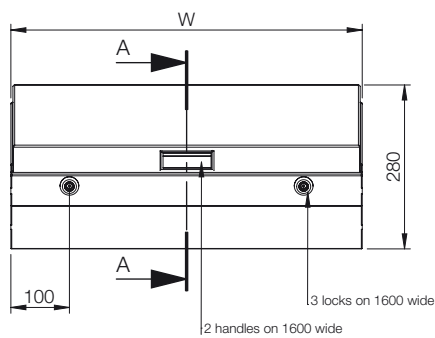
Inside panel view



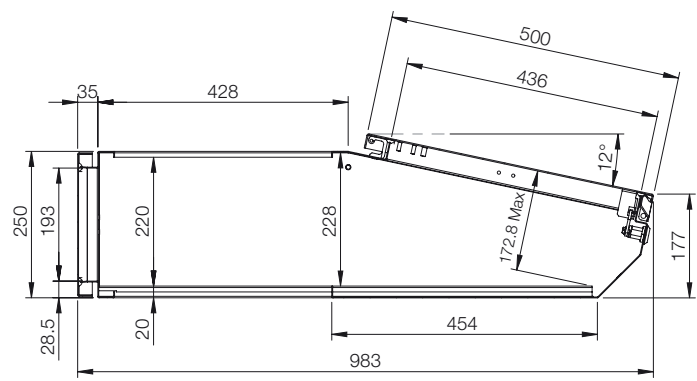
# Dimensional drawing | MPCS

## Desk unit

Front view

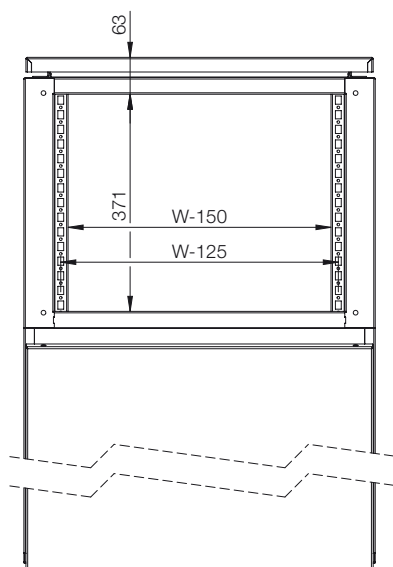


Sectional side view

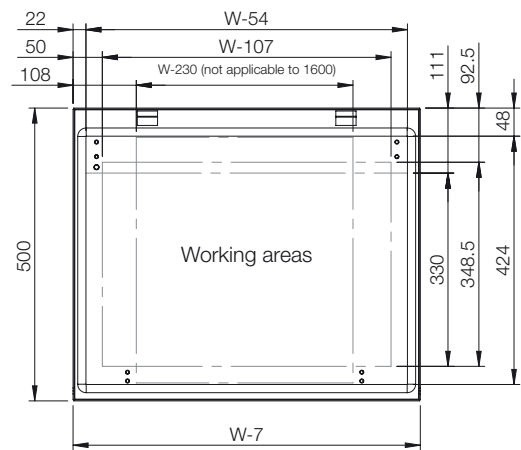


SECTION A-A

Top view

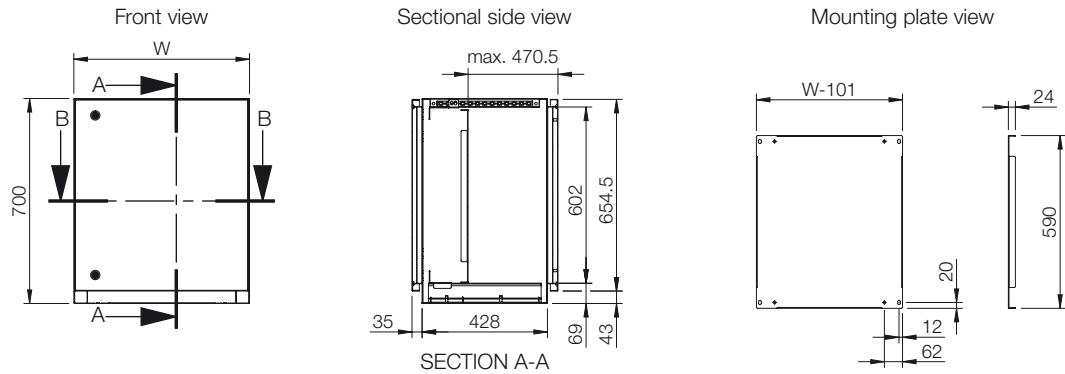


Inside panel view

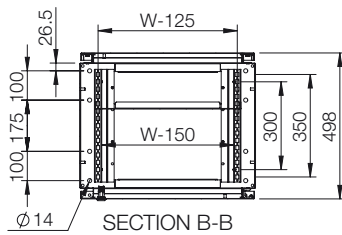


## Base unit with mounting plate

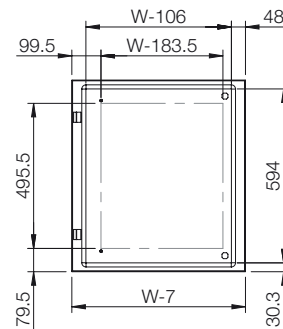
### Single door



### Sectional top view

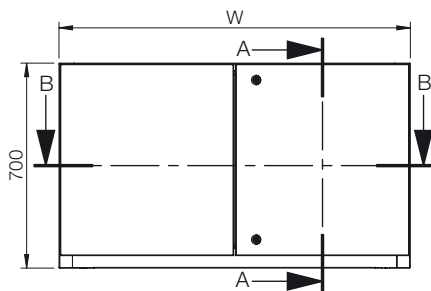


### Inside door view

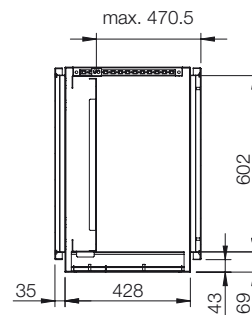


### Double door

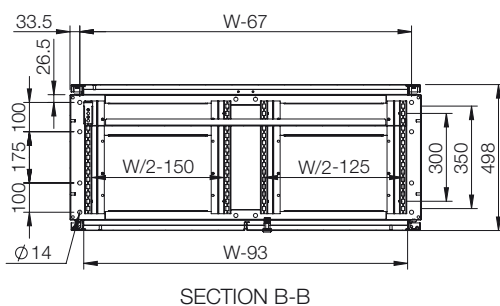
#### Front view



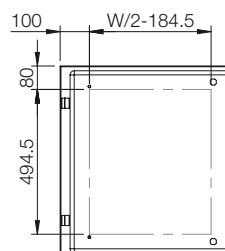
#### Sectional side view



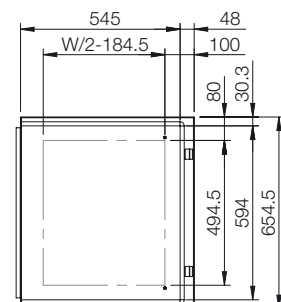
### Sectional top view



### Inside right door view



### Inside left door view



# Accessories selection matrix | MPGS

|            |     |      |     |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
|------------|-----|------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|            |     |      |     |  |  |  |  |
| Console    |     |      |     | Mounting                                                                          |                                                                                   | Fixing                                                                              |                                                                                     |
|            | H   | W    | D   | Mounting plate                                                                    | Depth adjustment kit                                                              | Plinth (100 mm height)                                                              | Plinth (200 mm height)                                                              |
| MPGS06     | 985 | 600  | 400 | GCPZ06                                                                            | MPGDA01                                                                           | MSNS1064                                                                            | MSNS2064                                                                            |
| MPGS06-316 | 985 | 600  | 400 | GCPZ06                                                                            | MPGDA01                                                                           | MSNS1064                                                                            | MSNS2064                                                                            |
| MPGS08     | 985 | 800  | 400 | GCPZ08                                                                            | MPGDA01                                                                           | MSNS1084                                                                            | MSNS2084                                                                            |
| MPGS08-316 | 985 | 800  | 400 | GCPZ08                                                                            | MPGDA01                                                                           | MSNS1084                                                                            | MSNS2084                                                                            |
| MPGS10     | 985 | 1000 | 400 | GCPZ10                                                                            | MPGDA01                                                                           | MSNS1104                                                                            | MSNS2104                                                                            |
| MPGS10-316 | 985 | 1000 | 400 | GCPZ10                                                                            | MPGDA01                                                                           | MSNS1104                                                                            | MSNS2104                                                                            |
| MPGS12     | 985 | 1200 | 400 | GCPZ12                                                                            | MPGDA01                                                                           | MSNS1124                                                                            | MSNS2124                                                                            |
| MPGS12-316 | 985 | 1200 | 400 | GCPZ12                                                                            | MPGDA01                                                                           | MSNS1124                                                                            | MSNS2124                                                                            |

|             |     |      |     |  |  |  |  |  |
|-------------|-----|------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Console     |     |      |     | Mounting                                                                          |                                                                                   | Fixing                                                                             |                                                                                     | Lids                                                                                |
|             | H   | W    | D   | Mounting plate                                                                    | Segregation plate                                                                 | Plinth (100 mm height)                                                             | Plinth (200 mm height)                                                              | Cover plate                                                                         |
| MPCS061     | 500 | 600  | 494 | CDPZ06                                                                            | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| MPCS061-316 | 500 | 600  | 494 | CDPZ06                                                                            | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| MPCS081     | 500 | 800  | 494 | CDPZ08                                                                            | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| MPCS081-316 | 500 | 800  | 494 | CDPZ08                                                                            | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| MPCS101     | 500 | 1000 | 494 | CDPZ10                                                                            | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| MPCS101-316 | 500 | 1000 | 494 | CDPZ10                                                                            | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| MPCS121     | 500 | 1200 | 494 | CDPZ12                                                                            | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| MPCS121-316 | 500 | 1200 | 494 | CDPZ12                                                                            | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| MPCS161     | 500 | 1600 | 494 | CDPZ16                                                                            | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| MPCS161-316 | 500 | 1600 | 494 | CDPZ16                                                                            | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| MPCS062     | 250 | 600  | 985 | CDPZ06                                                                            | SGPZ06                                                                            | -                                                                                  | -                                                                                   | BDPS06                                                                              |
| MPCS062-316 | 250 | 600  | 985 | CDPZ06                                                                            | SGPZ06                                                                            | -                                                                                  | -                                                                                   | BDPS06                                                                              |
| MPCS082     | 250 | 800  | 985 | CDPZ08                                                                            | SGPZ08                                                                            | -                                                                                  | -                                                                                   | BDPS08                                                                              |
| MPCS082-316 | 250 | 800  | 985 | CDPZ08                                                                            | SGPZ08                                                                            | -                                                                                  | -                                                                                   | BDPS08                                                                              |
| MPCS102     | 250 | 1000 | 985 | CDPZ10                                                                            | SGPZ10                                                                            | -                                                                                  | -                                                                                   | BDPS10                                                                              |
| MPCS102-316 | 250 | 1000 | 985 | CDPZ10                                                                            | SGPZ10                                                                            | -                                                                                  | -                                                                                   | BDPS10                                                                              |
| MPCS122     | 250 | 1200 | 985 | CDPZ12                                                                            | SGPZ12                                                                            | -                                                                                  | -                                                                                   | BDPS12                                                                              |
| MPCS122-316 | 250 | 1200 | 985 | CDPZ12                                                                            | SGPZ12                                                                            | -                                                                                  | -                                                                                   | BDPS12                                                                              |
| MPCS162     | 250 | 1600 | 985 | CDPZ16                                                                            | SGPZ16                                                                            | -                                                                                  | -                                                                                   | BDPS16                                                                              |
| MPCS162-316 | 250 | 1600 | 985 | CDPZ16                                                                            | SGPZ16                                                                            | -                                                                                  | -                                                                                   | BDPS16                                                                              |
| MPCS063     | 700 | 600  | 500 | CBPZ06                                                                            | -                                                                                 | MSNS1065                                                                           | MSNS2065                                                                            | BDPS06                                                                              |
| MPCS063-316 | 700 | 600  | 500 | CBPZ06                                                                            | -                                                                                 | MSNS1065                                                                           | MSNS2065                                                                            | BDPS06                                                                              |
| MPCS083     | 700 | 800  | 500 | CBPZ08                                                                            | -                                                                                 | MSNS1085                                                                           | MSNS2085                                                                            | BDPS08                                                                              |
| MPCS083-316 | 700 | 800  | 500 | CBPZ08                                                                            | -                                                                                 | MSNS1085                                                                           | MSNS2085                                                                            | BDPS08                                                                              |
| MPCS103     | 700 | 1000 | 500 | CBPZ10                                                                            | -                                                                                 | MSNS1105                                                                           | MSNS2105                                                                            | BDPS10                                                                              |
| MPCS103-316 | 700 | 1000 | 500 | CBPZ10                                                                            | -                                                                                 | MSNS1105                                                                           | MSNS2105                                                                            | BDPS10                                                                              |
| MPCS123     | 700 | 1200 | 500 | CBPZ12                                                                            | -                                                                                 | MSNS1125                                                                           | MSNS2125                                                                            | BDPS12                                                                              |
| MPCS123-316 | 700 | 1200 | 500 | CBPZ12                                                                            | -                                                                                 | MSNS1125                                                                           | MSNS2125                                                                            | BDPS12                                                                              |
| MPCS163     | 700 | 1600 | 500 | CBPZ16                                                                            | -                                                                                 | 2x MSNS1085                                                                        | 2x MSNS2085                                                                         | BDPS16                                                                              |
| MPCS163-316 | 700 | 1600 | 500 | CBPZ16                                                                            | -                                                                                 | 2x MSNS1085                                                                        | 2x MSNS2085                                                                         | BDPS16                                                                              |



# Human Machine Interface

## Consoles Range

### Accessories

#### Mounting plate, GCPZ

**Description:** Standard mounting plate for MPG(S) console. Adjustable in depth using MPGDA accessory.

**Material:** 2.5 mm galvanized steel.

**Pack quantity:** 1 plate with mounting accessories.

| For console | Mounting plate dimensions |      | Item no. |
|-------------|---------------------------|------|----------|
| W           | h                         | w    |          |
| 600         | 790                       | 499  | GCPZ06   |
| 800         | 790                       | 699  | GCPZ08   |
| 1000        | 790                       | 899  | GCPZ10   |
| 1200        | 790                       | 1099 | GCPZ12   |
| 1600        | 790                       | 1499 | GCPZ16   |



#### Depth adjust kit, MPGDA

**Description:** To provide depth adjustment for mounting plate.

**Material:** 2 mm galvanized steel.

**Pack quantity:** 1 set with mounting accessories.

| Item no. |
|----------|
| MPGDA01  |



#### Mounting plate, CBPZ

**Description:** Standard mounting plate for MPC(S) base section.

**Material:** 2 mm galvanized steel.

**Pack quantity:** 1 plate with mounting accessories.

| For console | Mounting plate dimensions |      | Item no. |
|-------------|---------------------------|------|----------|
| W           | h                         | w    |          |
| 600         | 590                       | 499  | CBPZ06   |
| 800         | 590                       | 699  | CBPZ08   |
| 1000        | 590                       | 899  | CBPZ10   |
| 1200        | 590                       | 1099 | CBPZ12   |
| 1600        | 590                       | 1499 | CBPZ16   |



## Mounting plates, CDPZ

- Description:** Can be used in top section and desk unit, also as a separation plate between desk and base.
- Material:** 2.5 mm galvanized steel.
- Pack quantity:** 1 plate with mounting accessories.

| For console | Mounting plate dimensions |      | Item no. |
|-------------|---------------------------|------|----------|
| W           | h                         | w    |          |
| 600         | 427.5                     | 530  | CDPZ06   |
| 800         | 427.5                     | 730  | CDPZ08   |
| 1000        | 427.5                     | 930  | CDPZ10   |
| 1200        | 427.5                     | 1130 | CDPZ12   |
| 1600        | 427.5                     | 1530 | CDPZ16   |



## Segregation plates, SGPZ

- Description:** Used to separate top section and desk unit. Can also be used as a mounting plate in desk.
- Material:** 3 mm zinc plated steel.
- Pack quantity:** 1 plate with mounting accessories.

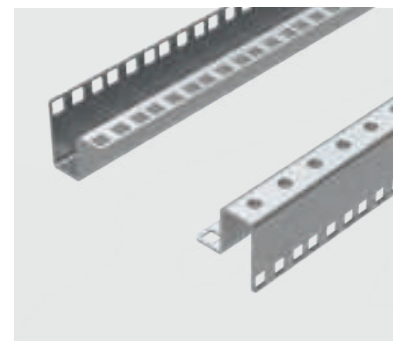
| For console | Mounting plate dimensions |      | Item no. |
|-------------|---------------------------|------|----------|
| W           | h                         | w    |          |
| 600         | 410                       | 530  | SGPZ06   |
| 800         | 410                       | 730  | SGPZ08   |
| 1000        | 410                       | 930  | SGPZ10   |
| 1200        | 410                       | 1130 | SGPZ12   |
| 1600        | 410                       | 1530 | SGPZ16   |



## Mounting angles (19"), DNN

- Description:** To achieve 19" or partial 19" in 800 mm wide enclosures, these profiles can be mounted with the mounting brackets DNB. To achieve 19" in 600 mm wide enclosures, use the brackets DND.
- Material:** 2 mm zinc plated steel.
- Pack quantity:** 2 pieces.

| N° of units | Item no. |
|-------------|----------|
| 6           | DNN06    |
| 9           | DNN09    |
| 10          | DNN10    |
| 11          | DNN11    |
| 13          | DNN13    |
| 15          | DNN15    |



# Human Machine Interface

## Consoles Range

### Accessories

#### Mounting angles (19") fixing brackets, DND

**Description:** For fixing 19" profiles in 600 mm, wide enclosures. Adjustable in depth in 12.5 mm steps.

**Material:** 3 mm zinc plated mild steel.

**Pack quantity:** 4 brackets with mounting accessories.

| Item no. |
|----------|
| DND01    |



#### Mounting angles (19") brackets, DNB

**Description:** For mounting 19" profiles in 800 mm wide enclosures.

**Material:** 3 mm zinc plated steel.

**Pack quantity:** 4 brackets with mounting accessories.

| Item no. |
|----------|
| DNB01    |



#### Front/rear Plinths, PF-HMI

**Description:** Front and rear plinth sections. For cabling without any restrictions and in accordance with the VDE 0113 standard. The plinth consists of four corner pieces with removable front covers. The side panels PST are to be ordered separately. Produced in 100 mm and 200 mm heights. 200 mm high plinths are delivered with a rear cover for cabling that consists of two removable panels 100 mm high. The front cover is a one piece panel of 200 mm high. All panels have double returns on each side for added strength.

**Material:** Corner pieces in 2 mm and panels in 1.5 mm mild steel.

**Finish:** RAL 7022 structured powder coating.

**Pack quantity:** 1 set of 4 corner pieces including covers. Front and rear panel (2 rear panels for 200 mm high plinths) with mounting accessories. Mounting accessories for side panels PST.

**Mounting requirements:** Add the side panels PST for a complete plinth.

| Plinth | For console |          |
|--------|-------------|----------|
| H      | W           | Item no. |
| 100    | 400         | PF1040   |
| 100    | 500         | PF1050   |
| 100    | 600         | PF1060   |
| 100    | 800         | PF1080   |
| 100    | 1000        | PF1100   |
| 100    | 1200        | PF1120   |
| 200    | 400         | PF2040   |
| 200    | 500         | PF2050   |
| 200    | 600         | PF2060   |
| 200    | 800         | PF2080   |
| 200    | 1000        | PF2100   |
| 200    | 1200        | PF2120   |

For console 1600 mm wide use 2 x 800 mm wide plinth.



## Plinth Side panels, PST

|                       |                                                             |
|-----------------------|-------------------------------------------------------------|
| <b>Description:</b>   | Mounted directly to the corner pieces.                      |
| <b>Material:</b>      | 1.5 mm mild steel.                                          |
| <b>Finish:</b>        | RAL 7022 structured powder coating.                         |
| <b>Pack quantity:</b> | 2 side panels, mounting accessories included in PF package. |

| Plinth | For console |          |
|--------|-------------|----------|
| H      | D           | Item no. |
| 100    | 400         | PST1040  |
| 100    | 500         | PST1050  |
| 200    | 400         | PST2040  |
| 200    | 500         | PST2050  |



## Plinths, MSNS

|                       |                                                                                                                                                                                            |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | Allowing cabling without any restrictions and in accordance with the VDE 0113 standard. The plinth consists of four corner pieces with removable plates. Available 100 mm and 200 mm high. |
| <b>Material:</b>      | Corner pieces 3 mm and panels 1.5 mm AISI 304 pre-grained stainless steel.                                                                                                                 |
| <b>Finish:</b>        | 400 pre-grained stainless steel.                                                                                                                                                           |
| <b>Pack quantity:</b> | 1 plinth with mounting material.                                                                                                                                                           |

| Plinth | For console |     |          |
|--------|-------------|-----|----------|
| H      | W           | D   | Item no. |
| 100    | 600         | 400 | MSNS1064 |
| 100    | 600         | 500 | MSNS1065 |
| 100    | 800         | 400 | MSNS1084 |
| 100    | 800         | 500 | MSNS1085 |
| 100    | 1000        | 400 | MSNS1104 |
| 100    | 1000        | 500 | MSNS1105 |
| 100    | 1200        | 400 | MSNS1124 |
| 100    | 1200        | 500 | MSNS1125 |
| 200    | 600         | 400 | MSNS2064 |
| 200    | 600         | 500 | MSNS2065 |
| 200    | 800         | 400 | MSNS2084 |
| 200    | 800         | 500 | MSNS2085 |
| 200    | 1000        | 400 | MSNS2104 |
| 200    | 1000        | 500 | MSNS2105 |
| 200    | 1200        | 400 | MSNS2124 |
| 200    | 1200        | 500 | MSNS2125 |

For consoles 1600 mm wide use 2 x 800 mm wide plinth.



# Human Machine Interface

## Consoles Range

### Accessories

#### Cover plates, BDP

- Description:** Used to cover top opening of base or desk unit in MPC consoles.
- Material:** 2 mm mild steel.
- Finish:** RAL 7035 structured powder paint.
- Pack quantity:** 1 piece with mounting accessories.

| For console |          |
|-------------|----------|
| W           | Item no. |
| 600         | BDP06R5  |
| 800         | BDP08R5  |
| 1000        | BDP10R5  |
| 1200        | BDP12R5  |
| 1600        | BDP16R5  |



#### Cover plates, BDPS

- Description:** Used to cover top opening of base or desk unit in MPCS consoles.
- Material:** 2 mm AISI 304 pre-grained stainless steel.
- Finish:** 400 pre-grained stainless steel.
- Pack quantity:** 1 piece with mounting accessories.

| For console |          |
|-------------|----------|
| W           | Item no. |
| 600         | BDPS06   |
| 800         | BDPS08   |
| 1000        | BDPS10   |
| 1200        | BDPS12   |
| 1600        | BDPS16   |



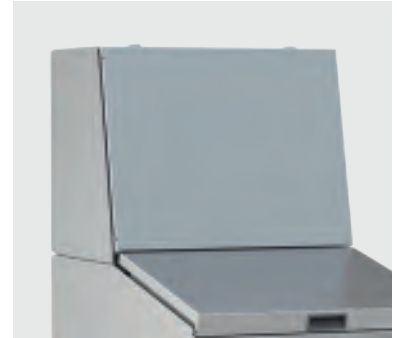
## Stainless panel, MPPS

**Description:** For replacing the standard panel on MPC top section units where high corrosion resistance is required.

**Material:** 2 mm AISI 304 pre-grained stainless steel.

**Finish:** 400 pre-grained stainless steel.

| For console |          |
|-------------|----------|
| W           | Item no. |
| 600         | MPPS061  |
| 800         | MPPS081  |
| 1000        | MPPS101  |
| 1200        | MPPS121  |
| 1600        | MPPS161  |



## Stainless lid, MPLS

**Description:** For replacing the standard lid on MPC desk units or MPG consoles where high corrosion resistance is required.

**Material:** 2 mm AISI 304 pre-grained stainless steel.

**Finish:** 400 pre-grained stainless steel.

| For console |          |
|-------------|----------|
| W           | Item no. |
| 600         | MPLS062  |
| 800         | MPLS082  |
| 1000        | MPLS102  |
| 1200        | MPLS122  |
| 1600        | MPLS162  |



## Gas spring, MPGR

**Description:** Gas spring that can replace the standard hinge for the desk. May be used with all standard consoles.

**Pack quantity:** 2 gas springs with mounting accessories.

| Description           | Item no. |
|-----------------------|----------|
| Gas spring 150 Newton | MPGR150  |
| Gas spring 250 Newton | MPGR250  |



# Human Machine Interface Swing Arm System | Mild Steel Control enclosure | OICE

IP 55 | IK 10





**Material:**

Body and door are manufactured from 1.2 mm mild steel, front cover and handles manufactured from aluminium.

**Body:**

Folded and seam welded, with maximum opening. The front fitted with an aluminium front panel. Handling grips mounted to front, left and right edges.

**Rear door:**

Surface mounted, with 130° opening. Concealed removable hinges, with captive pin. Hinges can be mounted to allow left or right hand opening. Door profiles MMDP are available as an accessory.

**Lock:**

Customised lock, with double grip for easy opening of the door. Double-bit 3 mm insert and 90° movement. Other inserts and locks are available as an accessory.

**Protection:**

IP 55 | IK 10.

**Finish:**

RAL 7035 structured powder coating. Top bottom profile RAL7016.

**Delivery:**

Enclosure with aluminium front panel, rear door, plastic double-bit 3 mm key and mounting accessories.



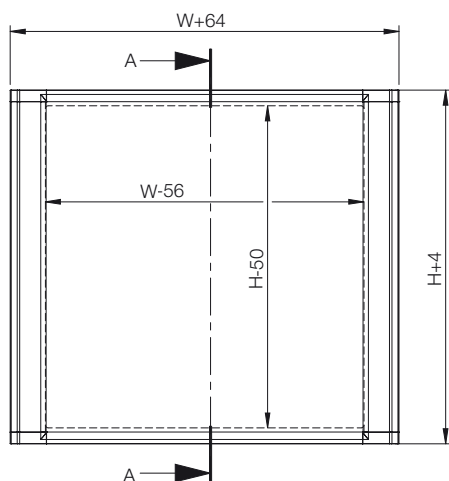
# Dimensional table | OICE

IP 55 | IK 10

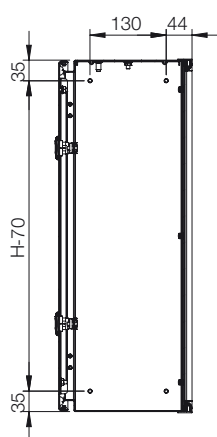
| Enclosure dimensions |     |     | Item no.   |
|----------------------|-----|-----|------------|
| H                    | W   | D   |            |
| 300                  | 300 | 155 | OICE303015 |
| 300                  | 400 | 210 | OICE304021 |
| 400                  | 400 | 210 | OICE404021 |
| 400                  | 600 | 210 | OICE406021 |
| 500                  | 500 | 210 | OICE505021 |
| 500                  | 600 | 210 | OICE506021 |
| 600                  | 600 | 210 | OICE606021 |



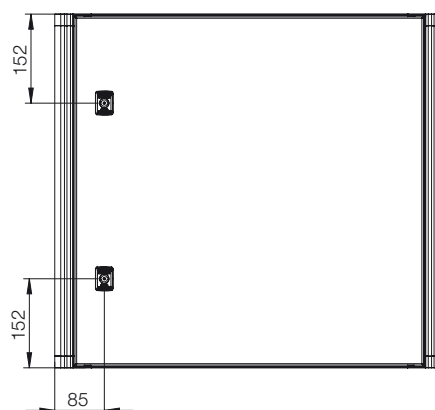
Front view



Sectional side view

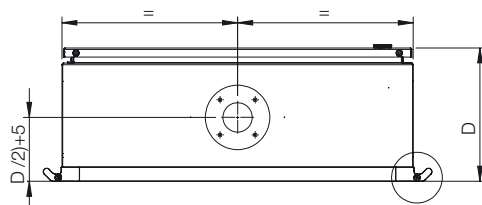


Rear view

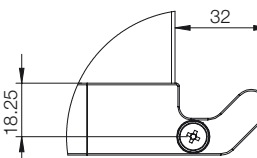
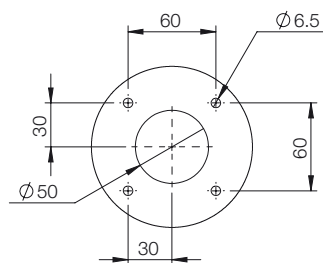


SECTION A-A

Top view



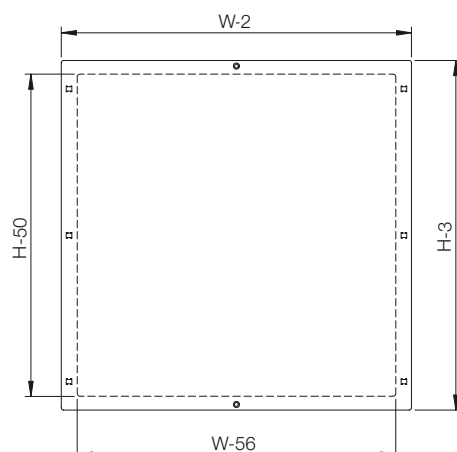
Detail view



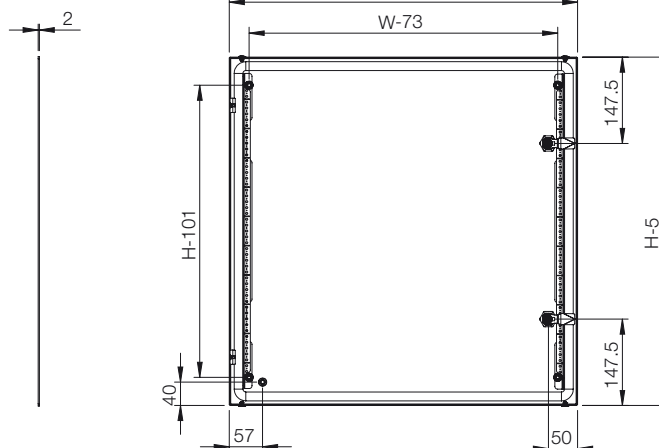
Scale 1 : 4

Scale 1 : 2

Aluminium panel



Inside door view



# Human Machine Interface

## Operating Housing

### Accessories

## Mounting plate, BMP-HMI

**Description:** Steel mounting plate for terminal boxes.

**Material:** 2 mm galvanized steel.

**Pack quantity:** 1 piece.

| Box dimension |     | Mounting plate dimensions |     | Item no. |
|---------------|-----|---------------------------|-----|----------|
| H             | W   | h                         | w   |          |
| 200           | 300 | 175                       | 270 | BMP2030  |
| 200           | 400 | 175                       | 370 | BMP2040  |
| 200           | 500 | 175                       | 470 | BMP2050  |
| 200           | 600 | 180                       | 570 | BMP2060  |



## Bottom profile, BPP-HMI

**Description:** Bottom profile for DIN rail mounting.

**Material:** Galvanized steel.

**Pack quantity:** 2 pieces.

| For box |  | Item no. |
|---------|--|----------|
| H/W     |  |          |
| 150     |  | BPP15    |
| 200     |  | BPP20    |



## Locks, ALL-HMI

**Description:** Alternative locks to replace the standard one.

**Pack quantity:** 1 piece.

| Description                      | Type                | Protection | Item no. |
|----------------------------------|---------------------|------------|----------|
| Chrome plated lock with cylinder | Ronis key n° M21323 | IP 65      | ALL508   |
| Polyamide lock with cylinder     | Key 5333            | IP 55      | ALL509   |
| Lock with cylinder               | Ronis key n° C21323 | IP 65      | ALL510N  |



## Inserts, ALIS

|                       |                                                                                      |
|-----------------------|--------------------------------------------------------------------------------------|
| <b>Description:</b>   | Inserts to replace the standard double-bit 3 mm insert in the standard ALLS503 lock. |
| <b>Material:</b>      | Zamak chrome plated.                                                                 |
| <b>Pack quantity:</b> | 1 piece.                                                                             |

| Description     | Item no. |
|-----------------|----------|
| Double-bit 3 mm | ALIS503  |
| Double-bit 5 mm | ALIS505  |
| Square 7 mm     | ALIS523  |
| Triangular 8 mm | ALIS524  |
| Square 8 mm     | ALIS525  |
| Slotted 2x4 mm  | ALIS528  |

Not suitable for AFS.



## Door mounting profiles, MMDP-HMI

|                       |                                                                                                                                                                                                                                 |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | To strengthen the door and provide further mounting possibilities. Mounted on the inside of the door onto M6 welded studs. Equipped with a 10 mm hole pattern. These door profiles cannot be used with the AFS enclosure range. |
| <b>Material:</b>      | 1.2 mm galvanized steel.                                                                                                                                                                                                        |
| <b>Dimension:</b>     | 15 x 14 mm.                                                                                                                                                                                                                     |
| <b>Pack quantity:</b> | 1 pair with mounting accessories.                                                                                                                                                                                               |

| For enclosure | Item no. |
|---------------|----------|
| H             |          |
| 400           | MMDP040  |
| 500           | MMDP050  |



# Human Machine Interface

## Swing Arm System | Aluminium

### Control Panel | OICP

IP 65





**Material:**

Body: Al Mg Si05. Rear plate: Al Mg. Corners: AISI 12.

**Protection:**

IP 65.

**Finish:**

Body and rear plate: anodised aluminium. Corners: RAL 7016.

**Mounting requirements:**

OIFP front panel is not included in the standard delivery and needs to be ordered separately.

**Delivery:**

Body, screwed rear plate, front plate mounting kit, and mounting accessories.





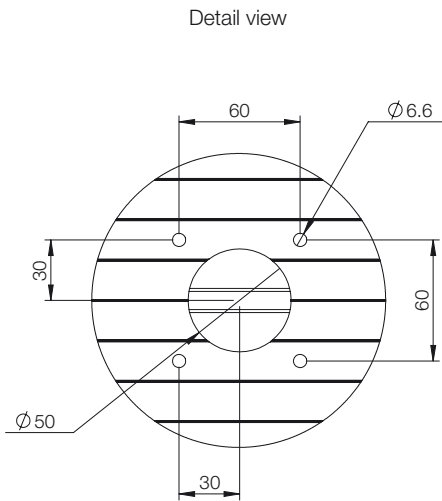
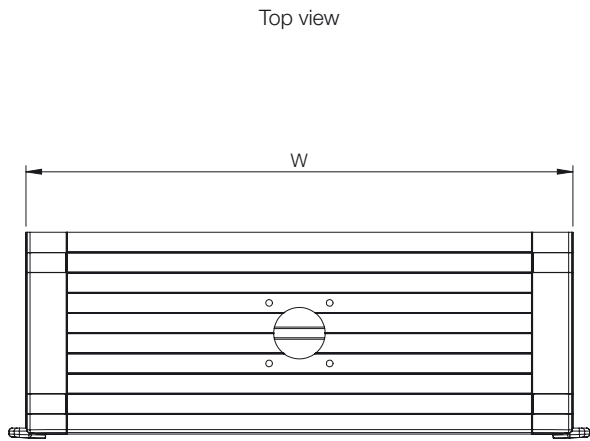
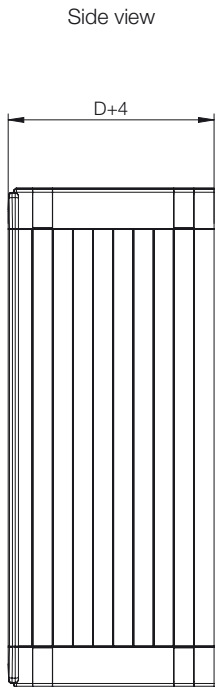
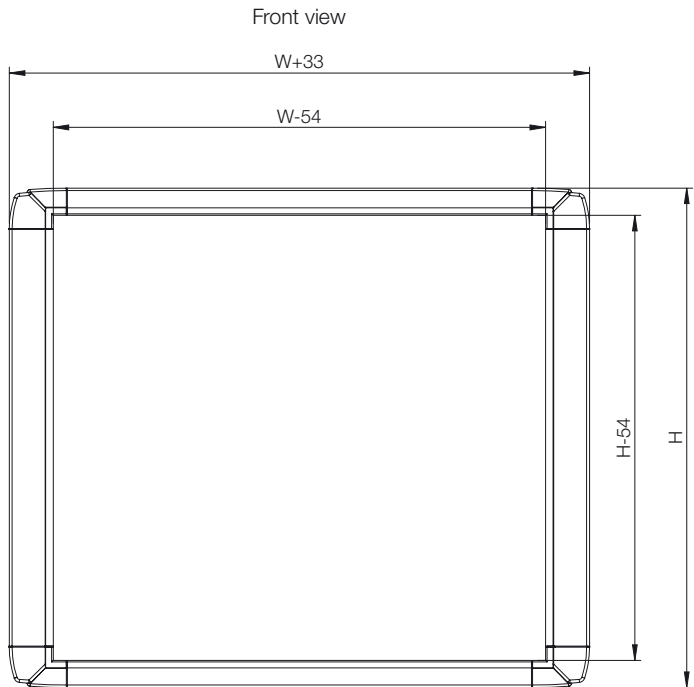
# Dimensional table | OICP

## IP 65

| H   | W   | D   | Weight (kg) | Item no.   |
|-----|-----|-----|-------------|------------|
| 309 | 525 | 200 | 7.90        | OICP305220 |
| 345 | 395 | 200 | 7.00        | OICP343920 |
| 354 | 525 | 200 | 8.30        | OICP355220 |
| 398 | 525 | 200 | 9.00        | OICP395220 |
| 415 | 470 | 200 | 8.50        | OICP414720 |
| 495 | 542 | 200 | 10.25       | OICP495420 |

The external enclosure dimension is increased by 16.5 mm, on the side where there is a grip profile.





Scale 1 : 3

# Human Machine Interface

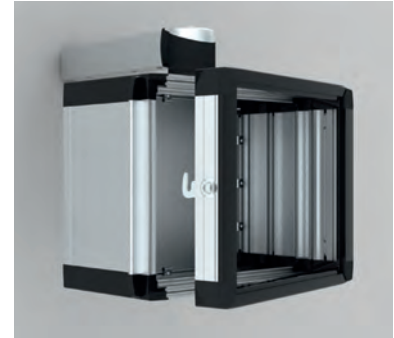
## Operating Housing

### Accessories

## OICP panel with door extension section, OIDES

|                       |                                                                                                                                                      |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | OICP panel with hinged door extension profile. It increases the OICP panel depth in 55 mm. It has grid profiles in the door extension profile sides. |
| <b>Material:</b>      | Body and door extension profile: Al Mg Si05. Rear plate: Al Mg. Corners: Al Si12.                                                                    |
| <b>Protection:</b>    | Complies with IP 65.                                                                                                                                 |
| <b>Finish:</b>        | Body, door extension profile and rear plate: anodised aluminium. Corners: RAL 7016.                                                                  |
| <b>Pack quantity:</b> | OICP panel with rear plate, door extension profile, external hinges, and locking system.                                                             |

| For enclosure |     |        |             |
|---------------|-----|--------|-------------|
| H             | W   | D      | Item no.    |
| 309           | 525 | 55+200 | OIDES305205 |
| 345           | 395 | 55+200 | OIDES343905 |
| 354           | 525 | 55+200 | OIDES355205 |
| 398           | 525 | 55+200 | OIDES395205 |
| 415           | 470 | 55+200 | OIDES414705 |
| 495           | 542 | 55+200 | OIDES495405 |



## Front plate, OIFP

|                       |                                                                                      |
|-----------------------|--------------------------------------------------------------------------------------|
| <b>Description:</b>   | Front plate for components, with a protection film in one side.                      |
| <b>Material:</b>      | 3 mm aluminium.                                                                      |
| <b>Pack quantity:</b> | 1 piece. Mounting accessories are supplied with the control panel OICP and in OIDES. |

| For enclosure |     |     |     |          |
|---------------|-----|-----|-----|----------|
| H             | W   | h   | w   | Item no. |
| 269           | 485 | 255 | 471 | OIFP3052 |
| 305           | 355 | 291 | 341 | OIFP3439 |
| 314           | 485 | 300 | 471 | OIFP3552 |
| 358           | 485 | 344 | 471 | OIFP3952 |
| 375           | 430 | 361 | 416 | OIFP4147 |
| 455           | 502 | 441 | 488 | OIFP4954 |



## Spring nut set, OISN

**Description:** Spring nuts for fixing components easily, without any machining in the panel.

**Pack quantity:** 10 pieces.

| Thread | Item no. |
|--------|----------|
| M4     | OISN04   |
| M5     | OISN05   |



## Keyboard support, OIKS

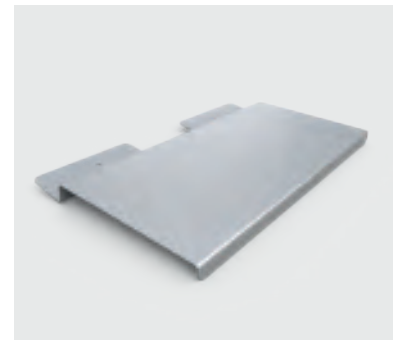
**Description:** Keyboard support to be fixed to the control panel. Machining is required.

**Material:** Mild steel. Stainless steel available on request.

**Finish:** RAL 9006.

**Pack quantity:** 1 piece with mounting accessories.

| Item no. |
|----------|
| OIKS01   |



## Command handle, OICH

**Description:** Handle with ergonomic design, which enables easy handling of the panel, even with working gloves. Machining is required.

**Material:** Aluminium.

**Finish:** Anodised aluminium.

**Pack quantity:** 1 piece.

| W   | Item no. |
|-----|----------|
| 250 | OICH250  |
| 350 | OICH350  |



## 120° connecting brackets, OIPC

**Description:** Rigid elements for connecting two OICP control panels. Machining is required.

**Material:** Aluminium.

**Finish:** RAL 9006.

**Pack quantity:** 2 pcs with mounting accessories.

| Item no. |
|----------|
| OIPC01   |



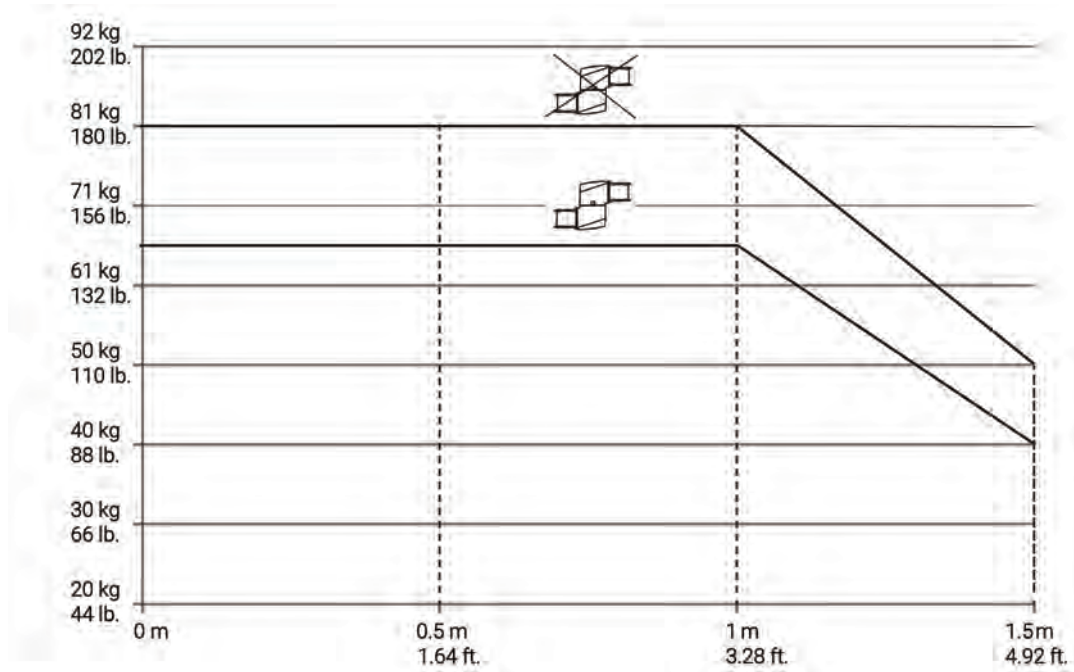


# Human Machine Interface

## Swing Arm System

Light swing arm system, S1





Length of the extension arm



S1MWF



S1MTBB



S1MSJ



S1MWJV



S1MWJH



S1ME



S1MIJ



S1MER



S1MFC



S1MFEC



S1MT

# Human Machine Interface

## Swing Arm System

### Accessories

#### Operator arm profile, light, S1MT

**Additional information:** Aluminum tubes provide structural integrity and act as conduit for equipment wiring. Tubes attach to system components with 6 setscrews on each end of the tube. Setscrews are provided with system couplings, not the tubes. Setscrews allow for easy adjustment and leveling of the system. Setscrews are provided with thread sealer providing secure connections. Available in 6 standard lengths ranging from 250 mm (9.84) to 1500 mm (59.05). Tubes 750 mm (29.53) and longer include drilling template to assist with drilling and tapping the holes when tube is cut to length.

**Note:** The maximum weight which a light swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

| Length | Height | Width | Item no. |
|--------|--------|-------|----------|
| 250    | 75     | 55    | S1MT250  |
| 500    | 75     | 55    | S1MT500  |
| 750    | 75     | 55    | S1MT750  |
| 1000   | 75     | 55    | S1MT1000 |
| 1250   | 75     | 55    | S1MT1250 |
| 1500   | 75     | 55    | S1MT1500 |



#### Wall joint vertical, light, S1MWJV

**Additional information:** The vertical wall joint mounts the suspension system to a vertical surface, allowing the tube to extend vertically. The arm can be rotated 300 degrees. Includes a safety stop and maintenance-free bearings. Die-cast aluminum construction. Includes installation instructions, gaskets, and tube setscrews. Surface mounting hardware is not provided.

**Note:** The maximum weight which a light swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

| Item no. |
|----------|
| S1MWJV   |



#### Wall joint horizontal, light, S1MWJH

**Additional information:** The horizontal wall joint mounts the suspension system to a vertical surface, allowing the tube to extend horizontally. The arm can be rotated 300 degrees. Includes a safety stop and maintenance-free bearings. Die-cast aluminum construction. Includes installation instructions, gaskets, and tube setscrews. Surface mounting hardware is not provided.

**Note:** The maximum weight which a light swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

| Item no. |
|----------|
| S1MWJH   |





## Elbow, light, S1ME

- Additional information:**
- The elbow provides a 90-degree bend in the suspension system. Die-cast aluminum construction. Includes installation instructions, gaskets, and tube setscrews.
- Note:**
- The maximum weight which a light swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

| Item no. |
|----------|
| S1ME     |



## Intermediate joint, light, S1MIJ

- Additional information:**
- Use an intermediate joint to join two horizontal tubes together for a longer length. The arm can be rotated 300 degrees. Includes safety stop and maintenance-free bearings. Die-cast aluminum construction. Includes installation instructions, gaskets, and tube setscrews. Use of the intermediate joint reduces the system load rating capacity to 146 lb. (66 kg) at 3.3 ft. (1 m).
- Note:**
- The maximum weight which a light swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

| Item no. |
|----------|
| S1MIJ    |



## Rotatable elbow, light, S1MER

- Additional information:**
- The rotatable elbow provides a 90-degree bend in the suspension system and allows the vertical tube to rotate 300 degrees. Includes safety stop and maintenance-free bearings. Die-cast aluminum construction. Includes installation instructions, gaskets, and tube setscrews.
- Note:**
- The maximum weight which a light swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

| Item no. |
|----------|
| S1MER    |



# Human Machine Interface

## Swing Arm System

### Accessories

#### Coupling HMI, light, S1MFC

| <b>Additional information:</b>                                   | The flange coupling attaches a tube to the enclosure, enabling 300-degree enclosure rotation and can be locked into a given position. The flange coupling has a safety stop and maintenance-free bearings. Die-cast aluminum construction. Includes installation instructions, gaskets, tube setscrews and enclosure mounting hardware. |          |       |
|------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------|
| <b>Note:</b>                                                     | The maximum weight which a light swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.                                                                                                                                                                             |          |       |
| <table><tr><th>Item no.</th></tr><tr><td>S1MFC</td></tr></table> |                                                                                                                                                                                                                                                                                                                                         | Item no. | S1MFC |
| Item no.                                                         |                                                                                                                                                                                                                                                                                                                                         |          |       |
| S1MFC                                                            |                                                                                                                                                                                                                                                                                                                                         |          |       |



#### Elbow coupling HMI, light, S1MFEC

| <b>Additional information:</b>                                    | The flange elbow coupling attaches directly to the enclosure for applications where a vertical tube is not required. It enables the enclosure to rotate 300 degrees and can be locked into a given position. The flange elbow coupling has a safety stop and maintenance-free bearings. Die-cast aluminum construction. Includes installation instructions, gaskets, tube setscrews and enclosure mounting hardware. |          |        |
|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------|
| <b>Note:</b>                                                      | The maximum weight which a light swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.                                                                                                                                                                                                                                                          |          |        |
| <table><tr><th>Item no.</th></tr><tr><td>S1MFEC</td></tr></table> |                                                                                                                                                                                                                                                                                                                                                                                                                      | Item no. | S1MFEC |
| Item no.                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |
| S1MFEC                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |



#### Narrow adaper, light, S1MA

| <b>Additional information:</b>                                  | The Narrow Adapter can be attached to the Flange Coupling and Flange Elbow Coupling to create a narrower connection to an enclosure. Specifically designed for use with the Suspend Aluminum HMI Enclosures that have 66mm of usable space. Does not inhibit coupling functionality. Die-cast aluminum construction. Includes installation instructions, gaskets, and mounting hardware. |          |      |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|
| <b>Note:</b>                                                    | The maximum weight which a light swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.                                                                                                                                                                                                                              |          |      |
| <table><tr><th>Item no.</th></tr><tr><td>S1MA</td></tr></table> |                                                                                                                                                                                                                                                                                                                                                                                          | Item no. | S1MA |
| Item no.                                                        |                                                                                                                                                                                                                                                                                                                                                                                          |          |      |
| S1MA                                                            |                                                                                                                                                                                                                                                                                                                                                                                          |          |      |



## Horiz. panel coupling, light, S1MPCH

### Additional information:

The horizontal panel coupling mounts a horizontal tube to the back of an enclosure or screen using Video Electronics Standards Association (VESA) mounting. The coupling has mounting holes drilled for standard VESA 75 and 100 flange sizes. It enables the enclosure to rotate 300 degrees and can be locked into a given position. The horizontal panel coupling has a safety stop and maintenance-free bearings. Die-cast aluminum construction. Includes installation instructions, gaskets, tube setscrews and enclosure mounting hardware.

### Note:

The maximum weight which a light swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.



### Item no.

S1MPCH

## Vertical panel coupling, light, S1MPCV

### Additional information:

The vertical panel coupling mounts a vertical tube to the back of an enclosure or screen using Video Electronics Standards Association (VESA) mounting. The coupling has mounting holes drilled for standard VESA 75 and 100 flange sizes. It enables the enclosure to rotate 300 degrees and can be locked into a given position. The vertical panel coupling has a safety stop and maintenance-free bearings. Die-cast aluminum construction. Includes installation instructions, gaskets, tube setscrews and enclosure mounting hardware.

### Note:

The maximum weight which a light swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.



### Item no.

S1MPCV

## Reduction elbow, light, S1MRE

### Additional information:

The reduction elbow provides a 90-degree bend in the suspension system between the horizontal tube and base connection of the Syspend 281-Max system and the vertical components of the Syspend 180-Max system. Die-cast aluminum construction. Available in RAL 9005 black finish only. Includes installation instructions, gaskets, and tube setscrews. Use of the reduction elbow with the Syspend 281-Max base and tube increases the system load rating to 281 lb. (127 kg) at 3.3 ft. (1 m).

### Note:

The maximum weight which a light swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.



### Item no.

S1MRE

# Human Machine Interface

## Swing Arm System

### Accessories

#### Base/ wall bracket, light, S1MWF

- Additional information:** The wall flange allows for fixed positioning on a horizontal or vertical surface when rotation is not needed. Die-cast aluminum construction. Includes installation instructions, gaskets, and tube setscrews. Surface mounting hardware is not provided.
- Note:** The maximum weight which a light swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

| Item no. |
|----------|
| S1MWF    |



#### Rotary base bracket, light, S1MTBB

- Additional information:** The rotatable base bracket allows the entire suspension system to rotate at the point of attachment on a horizontal surface. The arm can be rotated 300 degrees. Includes a safety stop and maintenance-free bearings. Die-cast aluminum construction. Includes installation instructions, gaskets, and tube setscrews. Surface mounting hardware is not provided.
- Note:** The maximum weight which a light swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

| Item no. |
|----------|
| S1MTBB   |



#### Set up joint, light, S1MSJ

- Additional information:** The set-up joint mounts the suspension system to a horizontal surface. The arm can be rotated 300 degrees. Includes a safety stop and maintenance-free bearings. Die-cast aluminum construction. Includes installation instructions, gaskets, and tube setscrews. Surface mounting hardware is not provided.
- Note:** The maximum weight which a light swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

| Item no. |
|----------|
| S1MSJ    |



## Rotation limiter (aluminum), S1MRL

**Additional information:** Rotation limiters are a retro-fit option to limit the rotation of couplings and joints which normally rotate 300 degrees. Each block limits rotation 30 degrees. Kit includes six rotation limiting blocks and installation instructions.

**Note:** The maximum weight which a light swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

| Item no. |
|----------|
| S1MRL    |



## Signal light adapter, round, S1MSLAR

**Additional information:** The signal light adapters are available in either round, elbow and reduction elbow cover versions and provide a means for attaching signal lights. Signal lights are not included. Aluminum caps are finished in RAL 9006 white aluminum powder paint. Includes caps, gasket, attachment hardware, and post.

**Note:** The maximum weight which a light swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

| Item no. |
|----------|
| S1MSLAR  |



## Signal light adapter, angled, S1MSLAA

**Additional information:** The signal light adapters are available in either round, elbow and reduction elbow cover versions and provide a means for attaching signal lights. Signal lights are not included. Aluminum caps are finished in RAL 9006 white aluminum powder paint. Includes caps, gasket, attachment hardware, and post.

**Note:** The maximum weight which a light swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

| Item no. |
|----------|
| S1MSLAA  |



# Human Machine Interface

## Swing Arm System

### Accessories

#### Signal light adapter, reduction, S1MSLARE

- Additional information:**

The signal light adapters are available in either round, elbow and reduction elbow cover versions and provide a means for attaching signal lights. Signal lights are not included. Aluminum caps are finished in RAL 9006 white aluminum powder paint. Includes caps, gasket, attachment hardware, and post.
- Note:**

The maximum weight which a light swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

| Item no. |
|----------|
| S1MSLARE |



#### Replacement cap kit,round, S1MRCRK

- Additional information:**

Replacement Caps for Syspend 180 Max couplings are available in either round, elbow or reduction elbow versions. The hardware is included. The caps are aluminum finished in RAL 9006 white aluminum powder paint.
- Note:**

The maximum weight which a light swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

| Item no. |
|----------|
| S1MRCRK  |



#### Replacement cap kit,angled, S1MRCAK

- Additional information:**

Replacement Caps for Syspend 180 Max couplings are available in either round, elbow or reduction elbow versions. The hardware is included. The caps are aluminum finished in RAL 9006 white aluminum powder paint.
- Note:**

The maximum weight which a light swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

| Item no. |
|----------|
| S1MRCAK  |



Replacement cap kit, reduction, S1MRCREK

**Additional information:** Replacement Caps for Syspend 180 Max couplings are available in either round, elbow or reduction elbow versions. The hardware is included. The caps are aluminum finished in RAL 9006 white aluminum powder paint.

**Note:** The maximum weight which a light swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

| Item no. |
|----------|
| S1MRCREK |



Replacement hardware kit, S1MRHK

**Additional information:** The replacement hardware kit includes spare parts necessary within the Syspend 180 Max system. Kit Includes: 1 lock actuator; 1 lever clamp; 1 coupling gasket; 2 flat small gaskets; 4 M6 allen head screws; 4 M6 lock washers; 12 M10 headless setscrews; 1 flat large gasket; 6 M12 headless setscrews; .5 meters of 3mm cord gasket

**Note:** The maximum weight which a light swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

| Item no. |
|----------|
| S1MRHK   |



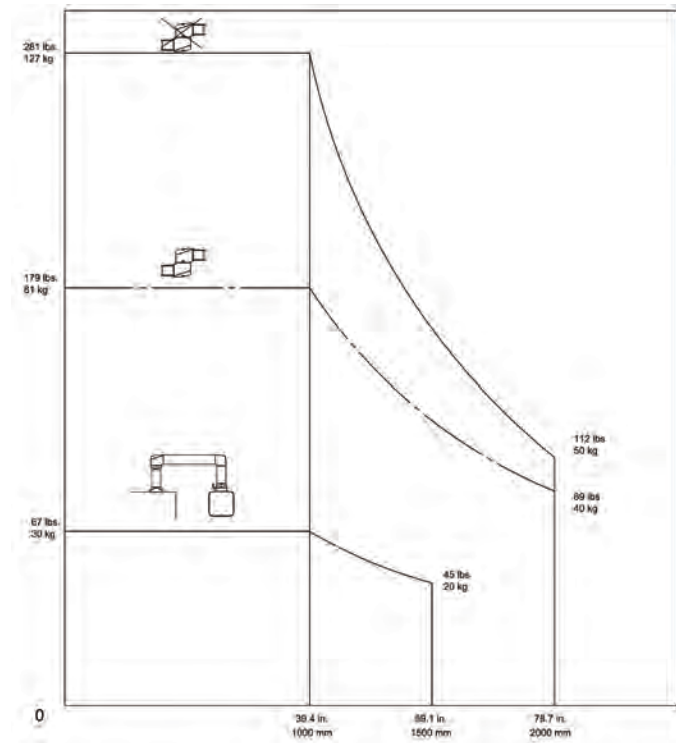


# Human Machine Interface

## Swing Arm System

Medium swing arm system, S2





Length of the extension arm



S2MWF



S2MRB



S2MSJ



S2MWJV



S2MWJH



S2ME



S2MIJ



S2MER



S2MFC



S2MFEC



S2MT

# Human Machine Interface

## Swing Arm System

### Accessories

#### Operator arm profile, S2MT

- Additional information:**
- Angled aluminum tubes provide structural integrity and act as conduit for equipment wiring. Tubes attach to system components with 6 setscrews on each end of the tube. (Setscrews are provided with the mating system components, not the tubes.) Setscrews allow for easy adjustment and leveling of the system. Setscrews are provided with LOCTITE™ to seal threaded holes and provide secure connections. Available in 8 standard lengths ranging from 250 mm to 2000 mm. Tubes 750 mm and longer include drilling template to assist with drilling and tapping the holes when the tube is cut to length.
- Note:**
- The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

| Length | Height | Width | Item no. |
|--------|--------|-------|----------|
| 250    | 90     | 70    | S2MT250  |
| 500    | 90     | 70    | S2MT500  |
| 750    | 90     | 70    | S2MT750  |
| 1000   | 90     | 70    | S2MT1000 |
| 1250   | 90     | 70    | S2MT1250 |
| 1500   | 90     | 70    | S2MT1500 |
| 1750   | 90     | 70    | S2MT1750 |
| 2000   | 90     | 70    | S2MT2000 |



#### Rotary base bracket, S2MRB

- Additional information:**
- Rotary Base allows the entire suspension system to rotate at the point of attachment on a horizontal surface. The arm can be rotated or turned 300 degrees. Includes safety stop and maintenance-free bearing. RAL 9005 black finish. Die-cast aluminum construction. Includes installation instructions, gaskets and tube setscrews. Surface mounting hardware is not provided.
- Note:**
- The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

| Item no. |
|----------|
| S2MRB    |



#### Set up joint, S2MSJ

- Additional information:**
- Set-Up Joint mounts suspension system to a horizontal surface. The arm can be rotated or turned 300 degrees. Includes safety stop and maintenance-free bearing. RAL 9005 black finish. Die-cast aluminum construction. Includes removable cable access cover, installation instructions, gaskets and tube setscrews. Surface mounting hardware is not provided.
- Note:**
- The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

| Item no. |
|----------|
| S2MSJ    |



## Wall joint Vertical, S2MWJV

**Additional information:**

Vertical Wall Joint mounts suspension system to vertical surface and allows tube to extend vertically. Enables the arm to be rotated or turned 300 degrees. Includes safety stop and maintenance-free bearing. RAL 9005 black finish. Die-cast aluminum construction. Includes removable cable access cover, installation instructions, gaskets and tube setscrews. Surface mounting hardware is not provided.

**Note:**

The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

| Item no. |
|----------|
| S2MWJV   |



## Wall joint horizontal, S2MWJH

**Additional information:**

Horizontal Wall Joint mounts suspension system to vertical surface, allowing tube to extend horizontally. The arm can be rotated or turned 300 degrees. Includes safety stop and maintenance-free bearing. RAL 9005 black finish. Die-cast aluminum construction. Includes two removable cable access covers, installation instructions, gaskets and tube setscrews. Surface mounting hardware is not provided.

**Note:**

The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

| Item no. |
|----------|
| S2MWJH   |



## Elbow, S2ME

**Additional information:**

Elbow provides a 90-degree bend in the suspension system. RAL 9005 black finish. Die-cast aluminum construction. Includes removable cable access cover, installation instructions, gaskets and tube setscrews.

**Note:**

The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

| Item no. |
|----------|
| S2ME     |



# Human Machine Interface

## Swing Arm System

### Accessories

#### Rotation elbow, S2MER

**Additional information:** Rotatable elbow provides a 90-degree bend in the suspension system and allows the vertical tube to rotate 300 degrees. Includes safety stop and maintenance-free bearing. RAL 9005 black finish. Die-cast aluminum construction. Includes removable cable access cover, installation instructions, gaskets and tube setscrews.

**Note:** The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

| Item no. |
|----------|
| S2MER    |



#### Intermediate joint, S2MIJ

**Additional information:** Use Intermediate Joint to join two horizontal tubes together for a longer run. The arm can be rotated or turned 300 degrees. Includes safety stop and maintenance-free bearing. RAL 9005 black finish. Die-cast aluminum construction. Includes two removable cable access covers, installation instructions, gaskets and tube setscrews. Use of the Intermediate Joint reduces the system load capacity to 179 lb. (81.2 kg) at 3.3 ft. (1 m).

**Note:** The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

| Item no. |
|----------|
| S2MIJ    |



#### Couple kit HMI, S2MFC

**Additional information:** Flange Coupling attaches a tube to the enclosure, enabling 300-degree enclosure rotation. The enclosure can be locked in position. Flange Coupling has safety stop and maintenance-free bearing. RAL 9005 black finish. Die-cast aluminum construction. Includes installation instructions, gaskets, tube setscrews and enclosure mounting hardware.

**Note:** The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

| Item no. |
|----------|
| S2MFC    |



## Elbow couple kit, S2MFEC

**Additional information:**

Flange Elbow Coupling attaches directly to the enclosure for applications where a vertical tube is not required. Enables the enclosure to be rotated 300 degrees and locked in position. Includes safety stop and maintenance-free bearing. RAL 9005 black finish. Die-cast aluminum construction. Includes cable access cover, installation instructions, gaskets, tube setscrews and enclosure mounting hardware.

**Note:**

The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.



| Item no. |
|----------|
| S2MFEC   |

## Tube adapter, S2MTA

**Additional information:**

Use a Tube Adapter when the tube is cut to length and it is not desirable to drill and tap new holes in the tube. The adapter attaches to the tube with internal setscrews and provides mounting holes at the end where the tube was cut. RAL 9005 black finish. Die-cast aluminum construction. Includes installation instructions, gasket and hardware for attaching to the tube.

**Note:**

The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.



| Item no. |
|----------|
| S2MTA    |

## Angled coupling tilted back, S2MACB

**Additional information:**

Use Angled Coupling Tilted Backward to mount enclosure at a 15-degree backward angle. The enclosure can be rotated 300 degrees and locked in position. Includes safety stop and maintenance-free bearing. RAL 9005 black finish. Die-cast aluminum construction. Includes installation instructions, gaskets, tube setscrews and enclosure mounting hardware.

**Note:**

The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.



| Item no. |
|----------|
| S2MACB   |

# Human Machine Interface

## Swing Arm System

### Accessories

#### Angled coupling tilted forward, S2MACF

**Additional information:** Use Angled Coupling Tilted Forward to mount enclosure at a 15-degree forward angle. The enclosure can be rotated 300 degrees and locked in position. Includes safety stop and maintenance-free bearing. RAL 9005 black finish. Die-cast aluminum construction. Includes installation instructions, gaskets, tube setscrews and enclosure mounting hardware.

**Note:** The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

| Item no. |
|----------|
| S2MACF   |



#### Base coupling, S2MBC

**Additional information:** Base Coupling attaches the enclosure directly to a horizontal surface. The enclosure can be rotated 300 degrees and locked in position. Includes safety stop and maintenance-free bearing. RAL 9005 black finish. Die-cast aluminum construction. Includes installation instructions, gaskets and enclosure mounting hardware. Surface mounting hardware is not provided.

**Note:** The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

| Item no. |
|----------|
| S2MBC    |



#### Angled adapter, S2MAA

**Additional information:** Angled Adapter must be used in conjunction with a coupling (not compatible with S2MFC48). The enclosure angle can be adjusted forward or backward up to 30 degrees. RAL 9005 black finish. Die-cast aluminum construction. Includes installation instructions, gasket and enclosure mounting hardware. Maximum load bearing capacity is 67 lb. (30.4 kg).

**Note:** The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

| Item no. |
|----------|
| S2MAA    |





## Base/ wall flange, S2MWF

**Additional information:** Wall Flange allows for fixed positioning on a horizontal or vertical surface when rotation is not needed. RAL 9005 black finish. Die-cast aluminum construction. Includes installation instructions, gaskets and tube setscrews. Surface mounting hardware is not provided.

**Note:** The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

| Item no. |
|----------|
| S2MWF    |



## 48-mm round tube flange coupling medium, S2MFC48

**Additional information:** Flange Coupling to attach the Vertical Motion Pedestal Tube to the enclosure. The enclosure can be rotated 300 degrees and locked in position. Includes safety stop and maintenance-free bearing. RAL 9005 black finish. Die-cast aluminum construction. Includes installation instructions, gaskets and enclosure mounting hardware. Coupling attaches to enclosure using a 48 x 48-mm hole pattern. An adapter is required to attach the coupling to a standard Hoffman HMI enclosure that uses a 60 x 60-mm hole pattern (i.e., required for attaching to Concept HMI, CC2000, CC4000). Includes safety stop and maintenance-free bearing. RAL 9005 black finish. Die-cast aluminum construction. Includes installation instructions, gaskets and enclosure mounting hardware.

**Note:** The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

| Item no. |
|----------|
| S2MFC48  |



## 48-mm round tube flange adapt., S2MA48

**Additional information:** Use Flange Coupling to attach the Vertical Motion Pedestal Tube to the enclosure. The enclosure can be rotated 300 degrees and locked in position. Includes safety stop and maintenance-free bearing. RAL 9005 black finish. Die-cast aluminum construction. Includes installation instructions, gaskets and enclosure mounting hardware. Coupling attaches to enclosure using a 48 x 48-mm hole pattern. An adapter is required to attach the coupling to a standard Hoffman HMI enclosure that uses a 60 x 60-mm hole pattern (i.e., required for attaching to Concept HMI, CC2000, CC4000). Includes safety stop and maintenance-free bearing. RAL 9005 black finish. Die-cast aluminum construction. Includes installation instructions, gaskets and enclosure mounting hardware.

**Note:** The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

| Item no. |
|----------|
| S2MA48   |



# Human Machine Interface

## Swing Arm System

### Accessories

#### Vertical motion pedestal, S2M10VP

- Additional information:

Height-adjustable tubes allow enclosure to be positioned at the optimal viewing height for different operators. Requires the 48-mm Round Tube Flange Coupling (S2MFC48) and Adapter (S2MA48) for attachment to Hoffman enclosures with a 60 x 60-mm hole pattern (i.e., required for attaching to Concept HMI, CC2000, CC4000). Adjustable from 1130 mm (44.49 in.) to 1380 mm (54.33 in.) with internal gas springs. Four models support loads ranging from 11 to 77 lb. (4.9 to 34.9 kg). Height is fixed in place at any position by the locking handle. Cables are separated from gas springs inside the tube. Internal strain-relief for cables inside the tube. Can be attached to Small Pedestal Base, Large Pedestal Base, Vertical Wall Joint, Wall Flange, Rotary Base, Elbow or Rotatable Elbow. Aluminum construction. Tube cannot be inverted for overhead mounting on the enclosure. The weight of the coupling, adapter plate, enclosure and internal components must be factored into the load when selecting a tube.
- Note:

The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

| Item no.  | Load capacity |
|-----------|---------------|
| S2M10VP22 | 22 lb, 10 kg  |
| S2M10VP37 | 37 lb, 17 kg  |
| S2M10VP57 | 57 lb, 26 kg  |
| S2M10VP77 | 77 lb, 35 kg  |



#### Small pedestal base, S2MPBS

- Additional information:

Tubes attach directly to Small Pedestal Base. RAL 9005 black finish. Constructed from 3/8-in. thick steel plate. Includes installation instructions, cable ties and tube setscrews. Surface mounting hardware is not provided. Compatible with accessory casters and levelers. Supports loads per Load Rating Graph.
- Note:

The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

| Item no. |
|----------|
| S2MPBS   |



#### Light signal adapter rectangle, S2MLSAE

- Additional information:

Light signal adapters are available in either round or elbow cover versions and provide a means for attaching signal lights. Signal lights are not included. Gray composite cover caps include a gasket, attachment hardware and post and replace the caps provided with other system components.
- Note:

The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

| Item no. |
|----------|
| S2MLSAE  |



## Light signal adapter round, S2MLSAR

**Additional information:** Light signal adapters are available in either round or elbow cover versions and provide a means for attaching signal lights. Signal lights are not included. Gray composite cover caps include a gasket, attachment hardware and post and replace the caps provided with other system components.

**Note:** The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

| Item no. |
|----------|
| S2MLSAR  |



## Rotation limiters, S2MRL

**Additional information:** Rotation limiters can be retro-fitted on coupling and joint components and are adjustable in increments of 13.7 degrees. Limits rotation of couplings and joints which normally rotate 300 degrees. The kit includes ten steel balls, plug and installation instructions.

**Note:** The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

| Item no. |
|----------|
| S2MRL    |



## Tube hole plugs, S2MTHP

**Additional information:** Plastic hole plugs cover up the set screws in the tubes. Kit includes 50 hole plugs. Hole plugs are not needed to maintain the suspension system's NEMA Type 12 rating but provide an attractive smooth finish for the tube. RAL 9006 white aluminum color.

**Note:** The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

| Item no. |
|----------|
| S2MTHP   |











# 05 Thermal Management

## Cooling Units

|                                                              |     |
|--------------------------------------------------------------|-----|
| Vertical, Slim Fit.....                                      | 502 |
| Vertical, SpectraCool Narrow.....                            | 506 |
| Vertical, SpectraCool Indoor SS.....                         | 508 |
| Vertical, CUVN.....                                          | 510 |
| Vertical, T-Series.....                                      | 512 |
| Outdoor, CUON.....                                           | 514 |
| Outdoor, SpectraCool with advanced corrosion protection..... | 516 |
| Roof, CUH.....                                               | 518 |
| Thermoelectric coolers, TE.....                              | 520 |

## Vortex

|                                         |     |
|-----------------------------------------|-----|
| Vortex Cooler, BP.....                  | 522 |
| High Temperature Vortex Cooler, HT..... | 526 |
| Accessories.....                        | 528 |

## Air-Water Heat Exchangers

|                    |     |
|--------------------|-----|
| Vertical, PWS..... | 530 |
| Roof, PWD.....     | 532 |

## Hazardous Location Cooling

|                                            |     |
|--------------------------------------------|-----|
| Hazardous Location Cooling Units, NHZ..... | 534 |
| Hazardous Location Vortex, VHL.....        | 536 |

## Ventilation

|                                      |     |
|--------------------------------------|-----|
| Vertical, EF / EFP / EFA / EFAP..... | 538 |
| Roof, RFU / REU.....                 | 550 |

## Heating & Anticondensation

|                                        |     |
|----------------------------------------|-----|
| Heaters, EGK / EHG / ECH / ECHT.....   | 558 |
| Fanheaters, EGL / EHV / ECR.....       | 561 |
| Pressure compensation, EDA / EDAS..... | 564 |
| Drain Plug, DWP / PDV.....             | 566 |

## Control

|                            |     |
|----------------------------|-----|
| Thermostat, EFR / ETR..... | 568 |
| Hygostat, ETF.....         | 572 |

## Hazardous Location Heating

|                                     |     |
|-------------------------------------|-----|
| Heaters, DAHHL, HLHEAT.....         | 574 |
| Thermostats, HLTSTAT, HLTERMNC..... | 575 |

# Thermal Management

## Cooling units

### Slim Fit indoor cooling unit

IP54



#### Description:

The Slim Fit indoor air conditioner has extensive features and options. The units have an attractive design that also help optimize the air flow. The units are delivered with a smart controller. The standard unit has three mounting options: Surface, partial recess and fully recess mount, that are easy to change. The air conditioners are available for a cooling range from 300 W to 4000 W. All units are equipped with active condensate management with a heater strip. The factory thermostat setting is 35 °C.

#### Type of connection:

Terminal block.

#### Material:

Galvanized steel powder coated. Aesthetic designed plastic cover to optimize air flow.

#### Temperature limits inside:

+20 °C... + 55 °C

#### Temperature limits outside:

+10 °C... + 55 °C

#### Protection:

IP54 | TYPE 12

#### Finish:

Powder Coat Semi-textured RAL 7035 Light Grey Standard.



## Dimensional table | Slim Fit indoor cooling unit

# 05

Thermal Management

### IP54

| H    | W   | D   | Cooling capacity L35L35 (W) | Cooling capacity L35L50 (W) | Max power consumption L35/L35 (W at 50/60Hz) | Item no.     |
|------|-----|-----|-----------------------------|-----------------------------|----------------------------------------------|--------------|
| 550  | 280 | 140 | 370/420                     | 190/230                     | 270/300                                      | S060316G031  |
| 550  | 280 | 140 | 370/420                     | 190/230                     | 300/320                                      | S060326G031  |
| 550  | 280 | 140 | 370/420                     | 190/230                     | 270/300                                      | S060316G041* |
| 550  | 280 | 140 | 370/420                     | 190/230                     | 300/320                                      | S060326G041* |
| 550  | 280 | 206 | 550/640                     | 320/380                     | 450/480                                      | S060526G031  |
| 550  | 280 | 206 | 550/640                     | 320/380                     | 450/470                                      | S060516G031  |
| 550  | 280 | 206 | 550/640                     | 320/380                     | 450/470                                      | S060516G041* |
| 550  | 280 | 206 | 550/640                     | 320/380                     | 450/480                                      | S060526G041* |
| 950  | 400 | 259 | 1300/1380                   | 900/1000                    | 810/1010                                     | S101016G031  |
| 950  | 400 | 259 | 1300/1380                   | 900/1000                    | 670/800                                      | S101026G031  |
| 950  | 400 | 259 | 1300/1380                   | 900/1000                    | 750/960                                      | S101046G031  |
| 950  | 400 | 259 | 1300/1380                   | 900/1000                    | 810/1010                                     | S101016G041* |
| 950  | 400 | 259 | 1300/1380                   | 900/1000                    | 670/800                                      | S101026G041* |
| 950  | 400 | 259 | 1300/1380                   | 900/1000                    | 750/960                                      | S101046G041* |
| 950  | 400 | 259 | 1800/1880                   | 1300/1380                   | 850/1040                                     | S101516G031  |
| 950  | 400 | 259 | 1800/1880                   | 1300/1380                   | 850/1040                                     | S101526G031  |
| 950  | 400 | 259 | 1800/1880                   | 1300/1380                   | 930/1130                                     | S101546G031  |
| 950  | 400 | 259 | 1800/1880                   | 1300/1380                   | 850/1040                                     | S101516G041* |
| 950  | 400 | 259 | 1800/1880                   | 1300/1380                   | 850/1040                                     | S101526G041* |
| 950  | 400 | 259 | 1800/1880                   | 1300/1380                   | 930/1130                                     | S101546G041* |
| 1580 | 400 | 259 | 2200/2400                   | 1820/1900                   | 930/1090                                     | S162016G031  |
| 1580 | 400 | 259 | 2200/2400                   | 1820/1900                   | 940/1140                                     | S162026G031  |
| 1580 | 400 | 259 | 2200/2400                   | 1820/1900                   | 900/1180                                     | S162046G031  |
| 1580 | 400 | 259 | 2200/2400                   | 1820/1900                   | 930/1090                                     | S162016G041* |
| 1580 | 400 | 259 | 2200/2400                   | 1820/1900                   | 940/1140                                     | S162026G041* |
| 1580 | 400 | 259 | 2200/2400                   | 1820/1900                   | 900/1180                                     | S162046G041* |
| 1580 | 400 | 259 | 2680/2800                   | 2200/2300                   | 1230/1420                                    | S162516G031  |
| 1580 | 400 | 259 | 2680/2800                   | 2200/2300                   | 1320/1650                                    | S162526G031  |
| 1580 | 400 | 259 | 2680/2800                   | 2200/2300                   | 1150/1510                                    | S162546G031  |
| 1580 | 400 | 259 | 2680/2800                   | 2200/2300                   | 1230/1420                                    | S162516G041* |
| 1580 | 400 | 259 | 2680/2800                   | 2200/2300                   | 1320/1650                                    | S162526G041* |
| 1580 | 400 | 259 | 2680/2800                   | 2200/2300                   | 1150/1510                                    | S162546G041* |
| 1580 | 500 | 340 | 4000/4500                   | 3050/3450                   | 1543/2073                                    | S164046G031  |
| 1580 | 500 | 340 | 4000/4500                   | 3050/3450                   | 1543/2073                                    | S164046G041* |



## Dimensional table | Slim Fit indoor cooling unit

### IP54

| Power supply (V/ph/Hz)       | Max. Nominal current (A) | Starting current (A) | Noise level (dB) | Weight (kg) | Item no.     |
|------------------------------|--------------------------|----------------------|------------------|-------------|--------------|
| 115 / 1 / 50-60              | 4/3,8                    | 13/13                | 68               | 13          | S060316G031  |
| 230 / 1 / 50-60              | 1,8/1,7                  | 6/6/                 | 68               | 13          | S060326G031  |
| 115 / 1 / 50-60              | 4/3,8                    | 13/13                | 68               | 13          | S060316G041* |
| 230 / 1 / 50-60              | 1,8/1,7                  | 6/6/                 | 68               | 13          | S060326G041* |
| 230 / 1 / 50-60              | 2,6/2,9                  | 9/10                 | 68               | 15          | S060526G031  |
| 115 / 1 / 50-60              | 6,5/6,1                  | 21/20                | 68               | 15          | S060516G031  |
| 115 / 1 / 50-60              | 6,5/6,1                  | 21/20                | 68               | 15          | S060516G041* |
| 230 / 1 / 50-60              | 2,6/2,9                  | 9/10                 | 68               | 15          | S060526G041* |
| 115 / 1 / 50-60              | 9,6/10,2                 | 32/34                | 71               | 39          | S101016G031  |
| 230 / 1 / 50-60              | 4,1/5,5                  | 14/18                | 71               | 39          | S101026G031  |
| 400 / 1 / 50... 460 / 1 / 60 | 2,1/2,4                  | 7/8                  | 71               | 45          | S101046G031  |
| 115 / 1 / 50-60              | 9,6/10,2                 | 32/34                | 71               | 39          | S101016G041* |
| 230 / 1 / 50-60              | 4,1/5,5                  | 14/18                | 71               | 39          | S101026G041* |
| 400 / 1 / 50... 460 / 1 / 60 | 2,1/2,4                  | 7/8                  | 71               | 45          | S101046G041* |
| 115 / 1 / 50-60              | 9,6/10,2                 | 32/34                | 73               | 43          | S101516G031  |
| 230 / 1 / 50-60              | 5,1/6,7                  | 17/22                | 73               | 43          | S101526G031  |
| 400 / 3 / 50... 460 / 3 / 60 | 2,1/2,4                  | 7/8                  | 73               | 43          | S101546G031  |
| 115 / 1 / 50-60              | 9,6/10,2                 | 32/34                | 73               | 43          | S101516G041* |
| 230 / 1 / 50-60              | 5,1/6,7                  | 17/22                | 73               | 43          | S101526G041* |
| 400 / 3 / 50... 460 / 3 / 60 | 2,1/2,4                  | 7/8                  | 73               | 43          | S101546G041* |
| 115 / 1 / 50-60              | 11,1/12,5                | 37/41                | 70               | 68          | S162016G031  |
| 230 / 1 / 50-60              | 5,7/7,2                  | 19/24                | 70               | 68          | S162026G031  |
| 400 / 3 / 50... 460 / 3 / 60 | 2,2/2,6                  | 7/9                  | 70               | 68          | S162046G031  |
| 115 / 1 / 50-60              | 11,1/12,5                | 37/41                | 70               | 68          | S162016G041* |
| 230 / 1 / 50-60              | 5,7/7,2                  | 19/24                | 70               | 68          | S162026G041* |
| 400 / 3 / 50... 460 / 3 / 60 | 2,2/2,6                  | 7/9                  | 70               | 68          | S162046G041* |
| 115 / 1 / 50-60              | 16,1/16,9                | 53/56                | 72               | 70          | S162516G031  |
| 230 / 1 / 50-60              | 8,0/10,1                 | 26/33                | 72               | 70          | S162526G031  |
| 400 / 3 / 50... 460 / 3 / 60 | 3,2/3,4                  | 11/11                | 72               | 70          | S162546G031  |
| 115 / 1 / 50-60              | 16,1/16,9                | 53/56                | 72               | 70          | S162516G041* |
| 230 / 1 / 50-60              | 8,0/10,1                 | 26/33                | 72               | 70          | S162526G041* |
| 400 / 3 / 50... 460 / 3 / 60 | 3,2/3,4                  | 11/11                | 72               | 70          | S162546G041* |
| 400 / 3 / 50... 460 / 3 / 60 | 4,2/4,4                  | 14/15                | 72               | 92          | S164046G031  |
| 400 / 3 / 50... 460 / 3 / 60 | 4,2/4,4                  | 14/15                | 72               | 92          | S164046G041* |

\*Includes a comm-board for remote access control



# Thermal Management

## Cooling units

### SpectraCool Narrow Compact Indoor

IP54



#### Description:

SpectraCool Narrow Compact indoor is the air conditioning solution for the smaller enclosures that requires an AC unit. Units have an active condensate management. Cleanable, reusable aluminium mesh filter protects coils for maximum cooling performance. The mechanical thermostat is inside the unit. The factory setting is 27 °C.

#### Type of connection:

Terminal block.

#### Material:

Galvanized steel powder coated. Note: The items made in stainless steel, are manufactured from stainless steel AISI 304.

#### Temperature limits inside:

+22 °C ... +45 °C.

#### Temperature limits outside:

-40 °C ... +55 °C.

#### Protection:

IP54 | TYPE 12.

#### Finish:

RAL 7035 for the galvanized steel versions.



## Dimensional table | SpectraCool Narrow Compact Indoor

### IP54

| H   | W   | D   | Cooling capacity<br>L35/L35 (W) | Cooling capacity<br>L55/L55 (W) | Max power consumption<br>(W at 50/60Hz) | Item no.     |
|-----|-----|-----|---------------------------------|---------------------------------|-----------------------------------------|--------------|
| 419 | 191 | 160 | 237/280                         | 270/281                         | 330/345                                 | N160126G050  |
| 419 | 191 | 160 | 278/278                         | 240/240                         | 360/403                                 | N160116G050  |
| 531 | 254 | 251 | 571/645                         | 586/637                         | 805                                     | N210226G050  |
| 531 | 254 | 251 | 571/645                         | 586/637                         | 700/805                                 | N210216G050  |
| 419 | 191 | 160 | 237/280                         | 270/281                         | 330/345                                 | N160126G051* |
| 419 | 191 | 160 | 278/278                         | 240/240                         | 360/403                                 | N160116G051* |
| 531 | 254 | 251 | 571/645                         | 586/637                         | 805                                     | N210226G051* |
| 531 | 254 | 251 | 571/645                         | 586/637                         | 700/805                                 | N210216G051* |

| Power supply (V/ph/Hz) | Max. Nominal current (A) | Starting current (A) | Noise level (dB) | Weight (kg) | Item no.     |
|------------------------|--------------------------|----------------------|------------------|-------------|--------------|
| 230 / 1 / 50-60        | 1,5/1,5                  | 3,3/3,1              | 63               | 12          | N160126G050  |
| 115 / 1 / 50-60        | 3,6/3,5                  | 8,0/9,2              | 63               | 12          | N160116G050  |
| 230 / 1 / 50-60        | 3,5/3,5                  | 7,6                  | 66               | 25          | N210226G050  |
| 115 / 1 / 50-60        | 7,0/7,0                  | 19                   | 66               | 25          | N210216G050  |
| 230 / 1 / 50-60        | 1,5/1,5                  | 3,3/3,1              | 63               | 12          | N160126G051* |
| 115 / 1 / 50-60        | 3,6/3,5                  | 8,0/9,2              | 63               | 12          | N160116G051* |
| 230 / 1 / 50-60        | 3,5/3,5                  | 7,6                  | 66               | 25          | N210226G051* |
| 115 / 1 / 50-60        | 7,0/7,0                  | 19                   | 66               | 25          | N210216G051* |

\*Made in stainless steel

# Thermal Management

## Cooling units

### SpectraCool Indoor/Outdoor G-Series SS

IP56 | TYPE 4X

**Description:**

SpectraCool Indoor G-Series in stainless steel is the air conditioning solution for rugged factory environments. Units have an active condensate management. Cleanable, reusable aluminium mesh filter protects coils for maximum cooling performance. The mechanical thermostat is inside the unit. The factory setting is 27 °C.

**Type of connection:**

Terminal block.

**Material:**

Stainless steel type 304.

**Temperature limits inside:**

+22 °C ... +45 °C.

**Temperature limits outside:**

-40 °C ... +55 °C.

**Protection:**

IP56 | TYPE 4X.

**Finish:**

Brushed stainless steel.



## Dimensional table | SpectraCool Indoor/Outdoor G-Series SS

# 05

Thermal Management

### IP56 | TYPE 4X

| H      | W      | D      | Cooling capacity<br>L35/L35 (W) | Cooling capacity<br>L55/L55 (W) | Max power<br>consumption<br>(W at 50/60Hz) | Item no.    |
|--------|--------|--------|---------------------------------|---------------------------------|--------------------------------------------|-------------|
| 726.2  | 432.1  | 284    | 967/1000                        | 1084                            | 465/1055                                   | G280416G051 |
| 726.2  | 432.1  | 258.6  | 1260/1364                       | 1347/1435                       | 1058/1334                                  | G280426G051 |
| 726.2  | 432.1  | 258.6  | 1267/1364                       | 1347/1435                       | 680/874                                    | G280446G051 |
| 726.2  | 432.1  | 258.6  | 1641/1758                       | 1757/1874                       | 1138,5/1311                                | G280616G051 |
| 726.2  | 432.1  | 258.6  | 1641/1758                       | 1757/1874                       | 1058/1334                                  | G280626G051 |
| 726.2  | 432.1  | 258.6  | 1481/1666                       | 1581/1757                       | 680/874                                    | G280646G051 |
| 1338   | 435    | 296    | 1758/1992                       | 2139/2403                       | 1250/1415                                  | G520816G051 |
| 1338   | 435    | 296    | 1758/1992                       | 2139/2403                       | 1250/1415                                  | G520826G051 |
| 1338   | 435    | 296    | 2168/2402                       | 2578/2871                       | 806/957                                    | G520846G051 |
| 1338   | 435    | 296    | 2900/3135                       | 3516/3662                       | 2100/2427                                  | G521216G051 |
| 1338   | 435    | 296    | 2900/3135                       | 3516/3662                       | 1830/2130                                  | G521226G051 |
| 1338   | 435    | 296    | 2900/3135                       | 3252/3516                       | 910/1106                                   | G521246G051 |
| 1465.4 | 530.10 | 388.10 | 4689/5275                       | 5129/5744                       | 4508/5106                                  | G572026G051 |
| 1465.4 | 530.10 | 388.10 | 5656/6272                       | 6272/6857                       | 2400/3128                                  | G572046G051 |

| Power supply (V/ph/Hz)       | Max. Nominal current (A) | Starting current (A) | Noise level (dB) | Weight (kg) | Item no.    |
|------------------------------|--------------------------|----------------------|------------------|-------------|-------------|
| 115 / 1 / 50-60              | 10,4/10,1                | 36,2                 | 68               | 38          | G280416G051 |
| 230 / 1 / 50-60              | 4,6/5,8                  | 17,7                 | 68               | 38          | G280426G051 |
| 400 / 3 / 50... 460 / 3 / 60 | 1,7/1,9                  | 7,7                  | 68               | 38          | G280446G051 |
| 115 / 1 / 50-60              | 9,9/11,4                 | 36,2                 | 68               | 38          | G280616G051 |
| 230 / 1 / 50-60              | 4,6/5,8                  | 17,7                 | 68               | 38          | G280626G051 |
| 400 / 3 / 50... 460 / 3 / 60 | 1,7/1,9                  | 7,7                  | 68               | 38          | G280646G051 |
| 115 / 1 / 50-60              | 11,2/12,3                | 48                   | 68               | 58.10       | G520816G051 |
| 230 / 1 / 50-60              | 5,6/7,0                  | 27                   | 68               | 58.10       | G520826G051 |
| 400 / 3 / 50... 460 / 3 / 60 | 3,1/3,2                  | 16                   | 68               | 62.60       | G520846G051 |
| 115 / 1 / 50-60              | 16,1/21,0                | 57                   | 68               | 59.40       | G521216G051 |
| 230 / 1 / 50-60              | 9,1/10,6                 | 38                   | 68               | 59.40       | G521226G051 |
| 400 / 3 / 50... 460 / 3 / 60 | 3,6/3,5                  | 16                   | 68               | 64          | G521246G051 |
| 230 / 1 / 50-60              | 19,6/22,2                | 63                   | 74,1             | 89          | G572026G051 |
| 400 / 3 / 50... 460 / 3 / 60 | 6,0/6,8                  | 27                   | 74,1             | 89          | G572046G051 |

5



# Thermal Management

## Cooling units

### Vertical mounted cooling units | CUVN

#### IP 54 | TYPE 12

**Description:**

High performance cooling unit for vertical installation. The unit is external mounted, in order to maximize the space inside the enclosure. The air conditioners cover a cooling range from 360 W to 5950 W. Common to all models is the self cleaning condenser coil, which eliminates the necessity for an air filter and therefore avoiding standard maintenance. The cooling capacity for specific conditions are indicated in the diagrams. All models above 1000 W are equipped with condensation dissipator. Digital display is installed on all models above 500W. Ozone friendly refrigerant R134a.

**Type of connection:**

Terminal included.

**Material:**

Galvanized steel powder coated. Note: The items ending in "SS" are manufactured from stainless steel AISI 304. Stainless steel AISI 316 is available on request.

**Temperature limits inside:**

+25 °C to +45 °C.

**Temperature limits outside:**

+20 °C to +55 °C.

**Protection:**

IP 54 | TYPE 12.

**Finish:**

RAL 7035 for the galvanized steel versions.

**Pack quantity:**

One unit.





IP 54 | TYPE 12

| H    | W   | D   | Cooling capacity<br>L35L35 (W) | Cooling capacity<br>L35L50 (W) | Power consumption<br>L35L50 (W) | Power supply<br>(V/ph/Hz)   | Item no.    |
|------|-----|-----|--------------------------------|--------------------------------|---------------------------------|-----------------------------|-------------|
| 443  | 324 | 206 | 360 - 380                      | 220 - 240                      | 220                             | 230 / 1 / 50 - 60           | CUVN03602   |
| 642  | 313 | 223 | 550 - 580                      | 390                            | 310 - 340                       | 230 / 1 / 50 - 60           | CUVN05502   |
| 642  | 313 | 223 | 850 - 900                      | 620 - 700                      | 420 - 600                       | 230 / 1 / 50 - 60           | CUVN08502   |
| 912  | 410 | 248 | 1050 - 1150                    | 840 - 890                      | 510 - 650                       | 230 / 1 / 50 - 60           | CUVN10502   |
| 912  | 410 | 248 | 1500 - 1600                    | 1200 - 1280                    | 750 - 825                       | 230 / 1 / 50 - 60           | CUVN15002   |
| 1005 | 409 | 263 | 1500                           | 1200                           | 890                             | 400 - 3 - 50 / 460 - 3 - 60 | CUVN15004   |
| 1005 | 409 | 263 | 2100 - 2200                    | 1750 - 1850                    | 1120 - 1240                     | 230 / 1 / 50 - 60           | CUVN21002   |
| 1005 | 409 | 263 | 2100                           | 1800                           | 1200                            | 400 - 3 - 50 / 460 - 3 - 60 | CUVN21004   |
| 1217 | 511 | 347 | 3000 - 3150                    | 2400 - 2600                    | 1370 - 1510                     | 230 / 1 / 50 - 60           | CUVN30002   |
| 1217 | 511 | 347 | 3000                           | 2500                           | 1510                            | 400-3-50 / 460-3-60         | CUVN30004   |
| 1217 | 511 | 347 | 4000 - 4100                    | 3000 - 3300                    | 1730 - 1950                     | 230 / 1 / 50 - 60           | CUVN40502   |
| 1217 | 511 | 347 | 4050                           | 3260                           | 1950                            | 400 - 3 - 50 / 460 - 3 - 60 | CUVN40504   |
| 1405 | 554 | 404 | 5950                           | 4850                           | 2670 - 3600                     | 400 - 3 - 50 / 460 - 3 - 60 | CUVN59504   |
| 443  | 324 | 206 | 360 - 380                      | 220 - 240                      | 190 - 220                       | 230 / 1 / 50-60             | CUVN03602SS |
| 642  | 313 | 223 | 550 - 580                      | 410 - 430                      | 310 - 340                       | 230 / 1 / 50 - 60           | CUVN05502SS |
| 642  | 313 | 223 | 850 - 900                      | 620 - 700                      | 420 - 600                       | 230 / 1 / 50 - 60           | CUVN08502SS |
| 912  | 410 | 248 | 1050 - 1150                    | 840 - 890                      | 510 - 650                       | 230 / 1 / 50 - 60           | CUVN10502SS |
| 912  | 410 | 248 | 1500 - 1600                    | 1200 - 1280                    | 750 - 825                       | 230 / 1 / 50 - 60           | CUVN15002SS |
| 1005 | 409 | 263 | 1500                           | 1200                           | 890                             | 400 - 3 - 50 / 460 - 3 - 60 | CUVN15004SS |
| 1005 | 409 | 263 | 2100 - 2200                    | 1750 - 1850                    | 1120 - 1240                     | 230 / 1 / 50 - 60           | CUVN21002SS |
| 1005 | 409 | 263 | 2100                           | 1800                           | 1200                            | 400 - 3 - 50 / 460 - 3 - 60 | CUVN21004SS |
| 1217 | 511 | 347 | 3000 - 3150                    | 2400 - 2600                    | 1370 - 1510                     | 230 / 1 / 50 - 60           | CUVN30002SS |
| 1217 | 511 | 347 | 3000                           | 2500                           | 1510                            | 400 - 3 - 50 / 460 - 3 - 60 | CUVN30004SS |
| 1217 | 511 | 347 | 4000 - 4100                    | 3000 - 3300                    | 1730 - 1950                     | 230 / 1 / 50 - 60           | CUVN40502SS |
| 1217 | 511 | 347 | 4050                           | 3260                           | 1950                            | 400 - 3 - 50 / 460 - 3 - 60 | CUVN40504SS |
| 1405 | 554 | 404 | 5950                           | 4850                           | 2670 - 3600                     | 400 - 3 - 50 / 460 - 3 - 60 | CUVN59504SS |

| Max. running current (A) | Starting current (A) | Pre-fuse (A) | Noise level (dB) | Weight (kg) | Item no.    |
|--------------------------|----------------------|--------------|------------------|-------------|-------------|
| 1.7                      | 9.8                  | 15           | 55               | 18.89       | CUVN03602   |
| 2.1                      | 7.5                  | 15           | 61               | 25.56       | CUVN05502   |
| 3.9                      | 20                   | 15           | 64               | 30          | CUVN08502   |
| 3.6                      | 18                   | 15           | 65               | 48.89       | CUVN10502   |
| 4.5                      | 28                   | 15           | 65               | 51.11       | CUVN15002   |
| 2.37                     | 20                   | 15           | 65               | 53.33       | CUVN15004   |
| 6.3                      | 34                   | 15           | 69               | 53.33       | CUVN21002   |
| 3.62                     | 22                   | 15           | 69               | 53.33       | CUVN21004   |
| 8                        | 35                   | 15           | 69               | 83.33       | CUVN30002   |
| 4.85                     | 19                   | 15           | 69               | 88.89       | CUVN30004   |
| 8.3                      | 35                   | 15           | 70               | 88.89       | CUVN40502   |
| 5.96                     | 19                   | 15           | 70               | 94.44       | CUVN40504   |
| 8.11                     | 53                   | 15           | 73.5             | 111.11      | CUVN59504   |
| 1.7                      | 9.8                  | 15           | 55               | 18.89       | CUVN03602SS |
| 2.1                      | 15                   | 15           | 61               | 25.56       | CUVN05502SS |
| 3.9                      | 20                   | 15           | 64               | 30          | CUVN08502SS |
| 3.6                      | 18                   | 15           | 65               | 48.89       | CUVN10502SS |
| 4.5                      | 28                   | 15           | 65               | 51.11       | CUVN15002SS |
| 2.37                     | 20                   | 15           | 65               | 53.33       | CUVN15004SS |
| 6.3                      | 34                   | 15           | 69               | 53.33       | CUVN21002SS |
| 3.62                     | 22                   | 15           | 69               | 53.33       | CUVN21004SS |
| 8                        | 35                   | 15           | 69               | 83.33       | CUVN30002SS |
| 4.85                     | 19                   | 15           | 69               | 88.89       | CUVN30004SS |
| 8.3                      | 35                   | 15           | 70               | 88.89       | CUVN40502SS |
| 5.96                     | 19                   | 15           | 70               | 94.44       | CUVN40504SS |
| 8.11                     | 53                   | 15           | 73.5             | 111.11      | CUVN59504SS |

Note: The items ending in "SS" are manufactured from stainless steel AISI 304. Stainless steel AISI 316 is available on request.

# Thermal Management

## Cooling units

### T-Series outdoor air conditioner

IP56 | TYPE 4, 4X



#### Description:

The T-Series outdoor air conditioner has a proven robust design for rugged environments. All standard models are equipped with head pressure control for low ambient operation, compressor heater, coated condenser coil, malfunction switch, thermostat and heater package. The unit is designed for a compact footprint and equipped with easy-mount flanges for simple installation. It is delivered with a cleanable, reusable aluminium mesh filter. Non stainless steel versions are equipped with a heater as standard. All units are equipped with a reliable mechanical thermostat for mounting on the side of an enclosure. Factory thermostat setting for cooler is 27 °C . The factory setting for heater is 13 °C.

#### Type of connection:

1,8 Meter cord with NEMA 5-15 plug.

#### Material:

Galvanized steel powder coated or Stainless steel.

#### Temperature limits inside:

+20 °C ... +55 °C.

#### Temperature limits outside:

-40 °C ... +55 °C.

#### Protection:

IP56 | TYPE 4X.

#### Finish:

RAL 7035 light-grey, semi-textured powder-coat paint standard. SS version is not painted.



## Dimensional table | T-Series outdoor air conditioner

# 05

Thermal Management

### IP56 | TYPE 4, 4X

| H    | W   | D   | Cooling capacity<br>L35/L35 (W) | Cooling capacity<br>L55/L55 (W) | Max power consumption<br>L35/L35 (W at 50/60Hz) | Item no.     |
|------|-----|-----|---------------------------------|---------------------------------|-------------------------------------------------|--------------|
| 400  | 191 | 160 | 278                             | 240                             | 360/403                                         | T150116G150  |
| 400  | 191 | 160 | 237/280                         | 270/281                         | 330/345                                         | T150126G150  |
| 508  | 254 | 251 | 571/645                         | 586/637                         | 700/805                                         | T200216G150  |
| 508  | 254 | 251 | 571/645                         | 586/637                         | 805                                             | T200226G150  |
| 737  | 432 | 287 | 1025/1143                       | 1157/1245                       | 1163/1222                                       | T290416G150  |
| 737  | 432 | 287 | 1025/1143                       | 1157/1245                       | 1587/1564                                       | T290426G150  |
| 1092 | 400 | 279 | 1611/1729                       | 1857/1957                       | 1058/989                                        | T430616G150  |
| 1092 | 400 | 279 | 1600/1713                       | 1910/1985                       | 1012/874                                        | T430626G150  |
| 1092 | 400 | 279 | 1740/1965                       | 2193/2407                       | 1196/1242                                       | T430826G150  |
| 1092 | 400 | 279 | 1875/2080                       | 2326/2528                       | 1196/1288                                       | T430816G150  |
| 1092 | 400 | 279 | 2245/2460                       | 2832/3015                       | 1829/2289                                       | T431016G150  |
| 1092 | 400 | 279 | 2478/2589                       | 2941/3126                       | 2070                                            | T431026G150  |
| 1270 | 483 | 281 | 2725/2945                       | 2939/3516                       | 1804/2139                                       | T501226G150  |
| 1346 | 533 | 330 | 4640/5300                       | 5418/5987                       | 3105/3703                                       | T531926G150  |
| 400  | 191 | 160 | 278                             | 240                             | 360/403                                         | T150116G152* |
| 400  | 191 | 160 | 237/280                         | 270/281                         | 330/345                                         | T150126G104* |
| 508  | 254 | 251 | 571/645                         | 586/637                         | 700/805                                         | T200216G155* |
| 508  | 254 | 251 | 571/645                         | 586/637                         | 805                                             | T200226G103* |
| 737  | 432 | 287 | 1025/1143                       | 1157/1245                       | 1163/1222                                       | T290416G159* |
| 737  | 432 | 287 | 1025/1143                       | 1157/1245                       | 1587/1564                                       | T290426G161* |
| 1092 | 400 | 279 | 1611/1729                       | 1857/1957                       | 1058/989                                        | T430616G102* |
| 1092 | 400 | 279 | 1600/1713                       | 1910/1985                       | 1012/874                                        | T430626G159* |
| 1092 | 400 | 279 | 1740/1965                       | 2193/2407                       | 1196/1242                                       | T430826G108* |
| 1092 | 400 | 279 | 1875/2080                       | 2326/2528                       | 1196/1288                                       | T430816G153* |
| 1092 | 400 | 279 | 2245/2460                       | 2832/3015                       | 1829/2289                                       | T431016G102* |
| 1092 | 400 | 279 | 2478/2589                       | 2941/3126                       | 2070                                            | T431026G104* |
| 1270 | 483 | 281 | 2725/2945                       | 2939/3516                       | 1804/2139                                       | T501226G125* |
| 1346 | 533 | 330 | 4640/5300                       | 5418/5987                       | 3105/3703                                       | T531926G109* |

| Power supply (V/ph/Hz) | Max. Nominal current (A) | Starting current (A) | Noise level (dB) | Weight (kg) | Item no.     |
|------------------------|--------------------------|----------------------|------------------|-------------|--------------|
| 115 / 1 / 50-60        | 3,6/3,5                  | 8,0/9,2              | 63               | 12          | T150116G150  |
| 230 / 1 / 50-60        | 1,5/1,5                  | 3,3/3,1              | 63               | 12          | T150126G150  |
| 115 / 1 / 50-60        | 7,0/7,0                  | 19                   | 66               | 25          | T200216G150  |
| 230 / 1 / 50-60        | 3,5/3,5                  | 7,6                  | 66               | 25          | T200226G150  |
| 115 / 1 / 50-60        | 13,8/12,8                | 48                   | 67               | 49          | T290416G150  |
| 230 / 1 / 50-60        | 6,9/6,8                  | 23                   | 67               | 49          | T290426G150  |
| 115 / 1 / 50-60        | 9,2/8,6                  | 57,2                 | 65,7             | 57          | T430616G150  |
| 230 / 1 / 50-60        | 4,4/3,8                  | 27                   | 65,7             | 57          | T430626G150  |
| 230 / 1 / 50-60        | 5,2/5,4                  | 27                   | 65,7             | 57          | T430826G150  |
| 115 / 1 / 50-60        | 10,4/11,2                | 48,3                 | 65,7             | 57          | T430816G150  |
| 115 / 1 / 50-60        | 15,9/19,9                | 57                   | 73,3             | 57          | T431016G150  |
| 230 / 1 / 50-60        | 9                        | 38                   | 73,3             | 57          | T431026G150  |
| 230 / 1 / 50-60        | 8,2/9,3                  | 38                   | 68               | 75          | T501226G150  |
| 230 / 1 / 50-60        | 13,5/16,1                | 54                   | 76               | 90          | T531926G150  |
| 115 / 1 / 50-60        | 3,6/3,5                  | 8,0/9,2              | 63               | 12          | T150116G152* |
| 230 / 1 / 50-60        | 1,5/1,5                  | 3,3/3,1              | 63               | 12          | T150126G104* |
| 115 / 1 / 50-60        | 7,0/7,0                  | 19                   | 66               | 25          | T200216G155* |
| 230 / 1 / 50-60        | 3,5/3,5                  | 7,6                  | 66               | 25          | T200226G103* |
| 115 / 1 / 50-60        | 13,8/12,8                | 48                   | 67               | 49          | T290416G159* |
| 230 / 1 / 50-60        | 6,9/6,8                  | 23                   | 67               | 49          | T290426G161* |
| 115 / 1 / 50-60        | 9,2/8,6                  | 57,2                 | 65,7             | 57          | T430616G102* |
| 230 / 1 / 50-60        | 4,4/3,8                  | 27                   | 65,7             | 57          | T430626G159* |
| 230 / 1 / 50-60        | 5,2/5,4                  | 27                   | 65,7             | 57          | T430826G108* |
| 115 / 1 / 50-60        | 10,4/11,2                | 48,3                 | 65,7             | 57          | T430816G153* |
| 115 / 1 / 50-60        | 15,9/19,9                | 57                   | 73,3             | 57          | T431016G102* |
| 230 / 1 / 50-60        | 9                        | 38                   | 73,3             | 57          | T431026G104* |
| 230 / 1 / 50-60        | 8,2/9,3                  | 38                   | 68               | 75          | T501226G125* |
| 230 / 1 / 50-60        | 13,5/16,1                | 54                   | 76               | 90          | T531926G109* |

\*Items are manufactured from stainless steel

# Thermal Management

## Cooling units

### Outdoor | CUON

IP 55 | TYPE 4, 4X



#### Description:

High performance cooling unit for vertical installation. CUON is the air conditioning solution for critical environments, when the air conditioner is installed outdoors. The unit is external mounted in order to maximize space inside the enclosure. Common to all models is the self cleaning condenser coil, which eliminates the necessity for an air filter, avoiding standard maintenance. The thermostat is inside the unit and is adjustable between 25 °C and 45 °C with the Electronic Key-Pad (CUK01), which is available as an accessory. The factory setting is 35 °C. The cooling unit can also be supplied with a mechanically adjustable thermostat upon request. Ozone friendly refrigerant R134a.

#### Type of connection:

Terminal included.

#### Material:

Galvanized steel powder coated. The items ending in "SS" are manufactured from stainless steel AISI 304. Stainless steel AISI 316 is available on request.

#### Temperature limits inside:

+25 °C to +45 °C.

#### Temperature limits outside:

-40 °C to +55 °C.

#### Protection:

IP 55 | TYPE 4, 4X.

#### Finish:

RAL 7035 for the galvanized steel versions.



### IP 55 | TYPE 4, 4X

| H    | W   | D   | Cooling capacity<br>L35L35 (W) | Cooling capacity<br>L35L50 (W) | Power consumption<br>L35L50 (W) | Power supply (V/ph/Hz)      | Item no.    |
|------|-----|-----|--------------------------------|--------------------------------|---------------------------------|-----------------------------|-------------|
| 634  | 314 | 235 | 550 - 580                      | 410 - 430                      | 320 - 390                       | 230 / 1 / 50 - 60           | CUON05502   |
| 634  | 314 | 235 | 850 - 900                      | 620 - 700                      | 420 - 600                       | 230 / 1 / 50 - 60           | CUON08502   |
| 906  | 410 | 272 | 1100 - 1150                    | 840 - 890                      | 510 - 650                       | 230 / 1 / 50 - 60           | CUON10502   |
| 906  | 410 | 272 | 1500 - 1600                    | 1200 - 1280                    | 750 - 825                       | 230 / 1 / 50 - 60           | CUON15002   |
| 999  | 409 | 286 | 1500                           | 1200                           | 890                             | 400 - 3 - 50 / 460 - 3 - 60 | CUON15004   |
| 996  | 409 | 286 | 2100 - 2200                    | 1750 - 1850                    | 1120 - 1240                     | 230 / 1 / 50 - 60           | CUON21002   |
| 996  | 409 | 286 | 2100                           | 1800                           | 1200                            | 400-3-50 / 460-3-60         | CUON21004   |
| 1211 | 511 | 356 | 4000 - 4100                    | 3000 - 3300                    | 1730 - 1950                     | 230 / 1 / 50 - 60           | CUON40502   |
| 1211 | 511 | 356 | 4050                           | 3260                           | 1950                            | 400 - 3 - 50 / 460 - 3 - 60 | CUON40504   |
| 634  | 314 | 235 | 550 - 580                      | 410 - 430                      | 320 - 390                       | 230 / 1 / 50 - 60           | CUON05502SS |
| 634  | 314 | 235 | 850 - 900                      | 620 - 700                      | 420 - 600                       | 230 / 1 / 50 - 60           | CUON08502SS |
| 906  | 410 | 272 | 1100 - 1150                    | 840 - 890                      | 510 - 650                       | 230 / 1 / 50 - 60           | CUON10502SS |
| 906  | 410 | 272 | 1500 - 1600                    | 1200 - 1280                    | 750 - 825                       | 230 / 1 / 50 - 60           | CUON15002SS |
| 999  | 409 | 286 | 1500                           | 1200                           | 890                             | 400 - 3 - 50 / 460 - 3 - 60 | CUON15004SS |
| 999  | 409 | 286 | 2100 - 2200                    | 1750 - 1850                    | 1120 - 1240                     | 230 / 1 / 50 - 60           | CUON21002SS |
| 999  | 409 | 286 | 2100                           | 1800                           | 1200                            | 400 - 3 - 50 / 460 - 3 - 60 | CUON21004SS |
| 1211 | 511 | 356 | 4000 - 4100                    | 3000 - 3300                    | 1730 - 1950                     | 230 / 1 / 50 - 60           | CUON40502SS |
| 1211 | 511 | 356 | 4050                           | 3260                           | 1950                            | 400 - 3 - 50 / 460 - 3 - 60 | CUON40504SS |

| Max. running current (A) | Starting current (A) | Pre-fuse (A) | Noise level (dB) | Weight (kg) | Item no.    |
|--------------------------|----------------------|--------------|------------------|-------------|-------------|
| 2.1                      | 7.5                  | 15           | 61               | 25.56       | CUON05502   |
| 3.9                      | 20                   | 15           | 64               | 30          | CUON08502   |
| 3.6                      | 18                   | 15           | 65               | 48.89       | CUON10502   |
| 5.2                      | 28                   | 15           | 65               | 51.11       | CUON15002   |
| 2.37                     | 20                   | 15           | 65               | 53.33       | CUON15004   |
| 6.3                      | 34                   | 15           | 69               | 53.33       | CUON21002   |
| 3.62                     | 22                   | 15           | 69               | 53.33       | CUON21004   |
| 8.3                      | 35                   | 15           | 70               | 88.89       | CUON40502   |
| 5.96                     | 19                   | 15           | 70               | 94.44       | CUON40504   |
| 2.1                      | 7.5                  | 15           | 61               | 25.56       | CUON05502SS |
| 3.9                      | 20                   | 15           | 64               | 30          | CUON08502SS |
| 3.6                      | 18                   | 15           | 65               | 48.89       | CUON10502SS |
| 5.2                      | 28                   | 15           | 65               | 51.11       | CUON15002SS |
| 2.37                     | 20                   | 15           | 65               | 53.33       | CUON15004SS |
| 6.3                      | 34                   | 15           | 69               | 53.33       | CUON21002SS |
| 3.62                     | 22                   | 15           | 69               | 53.33       | CUON21004SS |
| 8.3                      | 35                   | 15           | 70               | 88.89       | CUON40502SS |
| 5.96                     | 19                   | 15           | 70               | 94.44       | CUON40504SS |

Note: The items ending in "SS" are manufactured from stainless steel AISI 304. Stainless steel AISI 316 is available on request.

# Thermal Management

## Cooling units

### SpectraCool with advanced corrosion protection

N-series IP54 | Type 4X; G-series IP56 | Type 4X.

**Description:**

SpectraCool with advanced corrosion system is the air conditioning solution for environments that are exposed to harsh, corrosive, chemical elements. Units have an active condensate management. Cleanable, reusable aluminium mesh filter protects coils for maximum cooling performance. The mechanical thermostat is inside the unit. The factory setting is 27 °C.

**Type of connection:**

Terminal block.

**Material:**

Stainless steel 316. Two levels of corrosion protection: Level 1 - Protective coatings on all exposed copper tubing and solder joints, condenser coil and thermostat. Level 2 - All protective coatings in Level 1 plus a coated evaporator coil. Foam wrap added over protective coatings on thermostat. (Level 2 is available on request).

**Temperature limits inside:**

+22 °C ... +45 °C.

**Temperature limits outside:**

-40 °C ... +55 °C.

**Protection:**

N-series IP54 | TYPE 4X; G-series IP56 | TYPE 4X.

**Finish:**

No 4 brushed 316 stainless steel.





## Dimensional table | SpectraCool with advanced corrosion protection

# 05

Thermal Management

### N-series IP54 | Type 4X; G-series IP56 | Type 4X.

| H      | W      | D      | Cooling capacity<br>L35L35 (W) | Cooling capacity<br>L55/L55 (W) | Max power consumption<br>(W at 50/60Hz) | Item no.    |
|--------|--------|--------|--------------------------------|---------------------------------|-----------------------------------------|-------------|
| 419    | 191    | 160    | 226/278                        | NA/240                          | 360/403                                 | N160116G102 |
| 419    | 191    | 160    | 237/280                        | 270/281                         | 330-345                                 | N160126G102 |
| 531    | 254    | 251    | 571/645                        | 586/637                         | 700/805                                 | N210216G102 |
| 531    | 254    | 251    | 571/645                        | 586/637                         | 805                                     | N210226G102 |
| 726.2  | 432.1  | 284    | 967/1000                       | NA/1084                         | 465/1055                                | G280416G102 |
| 726.2  | 432.1  | 258.6  | 1260/1364                      | 1347/1435                       | 465/1055                                | G280426G102 |
| 726.2  | 432.1  | 258.6  | 1267/1364                      | 1347/1435                       | 985/1199                                | G280446G102 |
| 726.2  | 432.1  | 258.6  | 1641/1758                      | 1757/1874                       | 1138,5/1311                             | G280616G102 |
| 726.2  | 432.1  | 258.6  | 1641/1758                      | 1757/1874                       | 1058/1334                               | G280626G102 |
| 726.2  | 432.1  | 258.6  | 1481/1666                      | 1581/1757                       | 985/1199                                | G280646G102 |
| 1338   | 435    | 296    | 1758/1992                      | 2139/2403                       | 1250/1415                               | G520816G102 |
| 1338   | 435    | 296    | 1758/1992                      | 2139/2403                       | 1250/1415                               | G520826G102 |
| 1338   | 435    | 296    | 2168/2402                      | 2578/2871                       | 806/957                                 | G520846G102 |
| 1338   | 435    | 296    | 2900/3135                      | 3516/3662                       | 2100/2427                               | G521216G102 |
| 1338   | 435    | 296    | 2900/3135                      | 3516/3662                       | 1830/2130                               | G521226G102 |
| 1338   | 435    | 296    | 2540/2861                      | 3064/3397                       | 1610/2005                               | G521246G102 |
| 1465.4 | 530.10 | 388.10 | 4689/5275                      | 5129/5744                       | 4508/5106                               | G572026G102 |
| 1465.4 | 530.10 | 388.10 | 5656/6272                      | 6272/6857                       | 4017/5043                               | G572046G102 |

| Power supply (V/ph/Hz)       | Max. Nominal current (A) | Starting current (A) | Noise level (dB) | Weight (kg) | Item no.    |
|------------------------------|--------------------------|----------------------|------------------|-------------|-------------|
| 115 / 1 / 50-60              | 3,8/3,7                  | 8,0/9,2              | 63               | 12          | N160116G102 |
| 230 / 1 / 50-60              | 1,6/1,6                  | 3,3/3,1              | 63               | 12          | N160126G102 |
| 115 / 1 / 50-60              | 7,2/7,2                  | 19                   | 66               | 25          | N210216G102 |
| 230 / 1 / 50-60              | 3,6/3,6                  | 7,6                  | 66               | 25          | N210226G102 |
| 115 / 1 / 50-60              | 10,6                     | 36,2                 | 68               | 38          | G280416G102 |
| 230 / 1 / 50-60              | 5,8                      | 17,7                 | 68               | 38          | G280426G102 |
| 400 / 3 / 50,,, 460 / 3 / 60 | 1,7/1,9                  | 7,7                  | 68               | 38          | G280446G102 |
| 115 / 1 / 50-60              | 10,1/11,6                | 36,2                 | 68               | 38          | G280616G102 |
| 230 / 1 / 50-60              | 4,7/5,9                  | 17,7                 | 68               | 38          | G280626G102 |
| 400 / 3 / 50,,, 460 / 3 / 60 | 1,7/1,9                  | 7,7                  | 68               | 38          | G280646G102 |
| 115 / 1 / 50-60              | 11,4/12,5                | 48                   | 68               | 58.10       | G520816G102 |
| 230 / 1 / 50-60              | 5,7/7,1                  | 27                   | 68               | 58.10       | G520826G102 |
| 400 / 3 / 50,,, 460 / 3 / 60 | 3,1/3,2                  | 16                   | 68               | 62.60       | G520846G102 |
| 115 / 1 / 50-60              | 16,3/21,2                | 57                   | 68               | 59.40       | G521216G102 |
| 230 / 1 / 50-60              | 9,2/10,7                 | 38                   | 68               | 59.40       | G521226G102 |
| 400 / 3 / 50,,, 460 / 3 / 60 | 3,2/3,5                  | 20                   | 68               | 64          | G521246G102 |
| 230 / 1 / 50-60              | 16,7 / 22,3              | 63                   | 74,1             | 89          | G572026G102 |
| 400 / 3 / 50,,, 460 / 3 / 60 | 6,0/ 6,8                 | 27                   | 74,1             | 89          | G572046G102 |



# Thermal Management

## Cooling units

### Roof mounting cooling unit | CUH

IP 54

**Description:**

High performance cooling unit for roof mounting, the air conditioners cover a cooling capacity range from 600 W to 3800 W. Condensation management system, which prevents all condensation from penetrating into the enclosure. All models are equipped with a condensation dissipator, from 1400 W up to 3800 W units. Easy installation, with a quick release mounting frame. Common to all models is the self cleaning condenser coil, which eliminates the necessity for an air filter, avoiding standard maintenance. All models are equipped with digital display. The cooling capacity for specific conditions are indicated in the diagrams. Ozone friendly refrigerant R134a.

**Type of connection:**

Spring-type terminal included.

**Material:**

Mild steel powder coated.

**Temperature limits inside:**

+25 °C to +45 °C.

**Temperature limits outside:**

+20 °C to +55 °C.

**Protection:**

IP54.

**Finish:**

RAL 7035.

**Pack quantity:**

One unit.



## IP 54

| H   | W   | D   | Cooling capacity<br>L35L35 (W) | Cooling capacity<br>L35L50 (W) | Power consumption<br>L35L50 (W) | Power supply<br>(V/ph/Hz)   | Item no. |
|-----|-----|-----|--------------------------------|--------------------------------|---------------------------------|-----------------------------|----------|
| 335 | 600 | 325 | 600                            | 510                            | 411                             | 230 / 1 / 50 - 60           | CUH06002 |
| 335 | 600 | 325 | 900                            | 760                            | 630                             | 230 / 1 / 50 - 60           | CUH09002 |
| 450 | 600 | 400 | 1400                           | 1170                           | 950                             | 230 / 1 / 50 - 60           | CUH14002 |
| 450 | 600 | 400 | 2000                           | 1700                           | 1200                            | 230 / 1 / 50 - 60           | CUH20002 |
| 480 | 800 | 450 | 3800                           | 2700                           | 1550                            | 400 - 3 - 50 / 460 - 3 - 60 | CUH38004 |

| Max. running<br>current (A) | Starting current (A) | Pre-fuse (A) | Side cabinet fan<br>flow (m³/h) | Noise level (dB) | Weight (kg) | Item no. |
|-----------------------------|----------------------|--------------|---------------------------------|------------------|-------------|----------|
| 3                           | 16                   | 4            | 575                             | 63               | 32.15       | CUH06002 |
| 4                           | 15                   | 6            | 575                             | 67               | 335         | CUH09002 |
| 5.5                         | 17                   | 8            | 575                             | 58               | 51.95       | CUH14002 |
| 7                           | 22                   | 10           | 860                             | 62               | 55.15       | CUH20002 |
| 3.5                         | 7                    | 8            | 1450                            | 77               | 82.90       | CUH38004 |

# Thermal Management

## Cooling units

### Thermoelectric coolers

IP65 | TYPE 4, 4X

**Description:**

Our compact, low-profile coolers utilize the Peltier effect for cooling of small indoor and outdoor enclosures. No condensers, compressors, or filters are required, making the unit a reliable solution for demanding environments with low maintenance requirements.

**Type of connection:**

Terminal block.

**Material:**

Heat Sink, Anodized Aluminium. Shroud, Galvanized steel alternatively stainless steel.

**Temperature limits:**

-40 °C ... +55 °C.

**Protection:**

IP65 | TYPE 4, 4X.

**Finish:**

Powder Coat RAL 7035 Light Grey Standard. Stainless steel No.4 Brushed finish.



## IP65 | TYPE 4, 4X

| H   | W   | D   | Nominal cooling watts | Input DC Voltage | Power consumption L35/L35 (W) | Item no.    |
|-----|-----|-----|-----------------------|------------------|-------------------------------|-------------|
| 230 | 123 | 176 | 52                    | 24               | 89                            | TE090624020 |
| 236 | 128 | 176 | 52                    | 24               | 89                            | TE090624010 |
| 236 | 128 | 176 | 52                    | 24               | 89                            | TE090624011 |
| 300 | 153 | 188 | 94                    | 24               | 162                           | TE121024020 |
| 305 | 157 | 189 | 94                    | 24               | 162                           | TE121024010 |
| 305 | 157 | 189 | 94                    | 24               | 162                           | TE121024011 |
| 300 | 153 | 188 | 94                    | 48               | 162                           | TE121048020 |
| 305 | 157 | 189 | 94                    | 48               | 162                           | TE121048010 |
| 400 | 180 | 184 | 166                   | 24               | 295                           | TE162024020 |
| 405 | 187 | 185 | 166                   | 24               | 295                           | TE162024010 |
| 405 | 187 | 185 | 166                   | 24               | 295                           | TE162024011 |
| 400 | 180 | 184 | 166                   | 48               | 295                           | TE162048020 |
| 405 | 187 | 185 | 166                   | 48               | 295                           | TE162048010 |

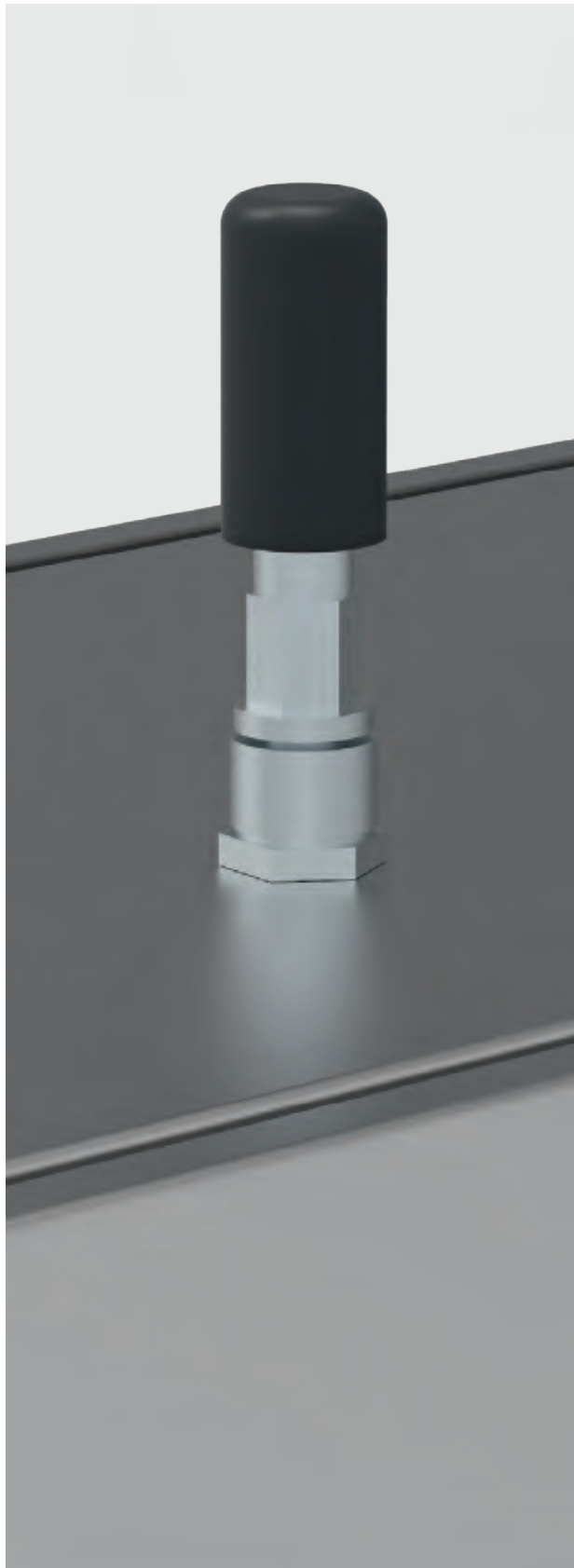
| Rated current (A) (55 C/55 C) | Feature               | Weight (kg) | Item no.    |
|-------------------------------|-----------------------|-------------|-------------|
| 4,4                           | Without shroud        | 2.70        | TE090624020 |
| 4,4                           | Painted shroud        | 3.60        | TE090624010 |
| 4,4                           | Stainles Steel shroud | 3.60        | TE090624011 |
| 8,5                           | Without shroud        | 3.90        | TE121024020 |
| 8,5                           | Painted shroud        | 5           | TE121024010 |
| 8,5                           | Stainles Steel shroud | 5           | TE121024011 |
| 4,4                           | Without shroud        | 3.90        | TE121048020 |
| 4,4                           | Painted shroud        | 5           | TE121048010 |
| 14,7                          | Without shroud        | 6.70        | TE162024020 |
| 14,7                          | Painted shroud        | 8.40        | TE162024010 |
| 14,7                          | Stainles Steel shroud | 8.40        | TE162024011 |
| 7,6                           | Without shroud        | 6.70        | TE162048020 |
| 7,6                           | Painted shroud        | 8.40        | TE162048010 |

# Thermal Management

## Vortex Range

### Vortex cooler | BP

IP 66 | TYPE 4X

**Description:**

Compact, reliable and low cost way to cool and purge enclosures. It produces cold air from compressed air, with no moving parts. The easy mounting through a standard electrical knockout makes this solution especially suitable to be installed even when the enclosures are already in the field. For a continuous Vortex operating, relative humidity inside the enclosure is maintained below 45%, no moisture condenses inside the enclosure (the enclosure must be sealed). Most TYPE 4 and 4X units include a silencer to minimize the noise. The coolers must be installed vertically to maintain the protection degree.

**Material:**

Internal Vortex tube manufactured in stainless steel. External cover, BP TYPE 12 in plastic and aluminium, BP TYPE 4 in aluminium, and 4X in stainless steel.

**Protection:**

Depending on type, up to IP66 | TYPE 4X.

**Pack quantity:**

Vortex cooler with mounting accessories.



### IP 66 | TYPE 4X

IP 54 | TYPE 12, Aluminium

| H   | Cooling Capacity (W) | Air flow (l/min) | Noise (dB) | Silencer included | Low pressure relief valve | Installation cut-out diam. (mm) | Air inlet | Weight (kg) | Item no. |
|-----|----------------------|------------------|------------|-------------------|---------------------------|---------------------------------|-----------|-------------|----------|
| 131 | 162                  | 227              | 78         | No                | No                        | 22                              | 1/8"      | 0.20        | BP4008   |
| 203 | 293                  | 425              | 87         | No                | No                        | 29                              | 1/4"      | 0.35        | BP4015   |
| 203 | 586                  | 850              | 88         | No                | No                        | 29                              | 1/4"      | 0.35        | BP4030   |
| 203 | 820                  | 1133             | 93         | No                | No                        | 29                              | 1/4"      | 0.35        | BP4040   |

IP 66 | TYPE 4, Aluminium

| H   | Cooling Capacity (W) | Air flow (l/min) | Noise (dB) | Silencer included | Low pressure relief valve | Installation cut-out diam. (mm) | Air inlet | Weight (kg) | Item no. |
|-----|----------------------|------------------|------------|-------------------|---------------------------|---------------------------------|-----------|-------------|----------|
| 126 | 162                  | 227              | 78         | No                | Yes                       | 33                              | 1/8"      | 0.35        | BP4608   |
| 185 | 293                  | 425              | 73         | Yes               | Yes                       | 48                              | 1/4"      | 0.45        | BP4615   |
| 185 | 586                  | 850              | 74         | Yes               | Yes                       | 48                              | 1/4"      | 0.50        | BP4630   |
| 185 | 820                  | 1133             | 78         | Yes               | Yes                       | 48                              | 1/4"      | 1           | BP4640   |

IP 66 | TYPE 4X, Stainless steel

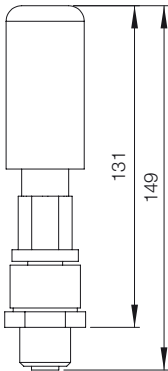
| H   | Cooling Capacity (W) | Air flow (l/min) | Noise (dB) | Silencer included | Low pressure relief valve | Installation cut-out diam. (mm) | Air inlet | Weight (kg) | Item no. |
|-----|----------------------|------------------|------------|-------------------|---------------------------|---------------------------------|-----------|-------------|----------|
| 126 | 162                  | 227              | 78         | No                | Yes                       | 33                              | 1/8"      | 0.35        | BP4608SS |
| 185 | 293                  | 425              | 73         | Yes               | Yes                       | 48                              | 1/4"      | 0.45        | BP4615SS |
| 185 | 586                  | 850              | 74         | Yes               | Yes                       | 48                              | 1/4"      | 2.25        | BP4630SS |
| 185 | 820                  | 1133             | 78         | Yes               | Yes                       | 48                              | 1/4"      | 1           | BP4640SS |

Cooling capacity is calculated with pressured air being 20 °C and having 7-bar pressure.

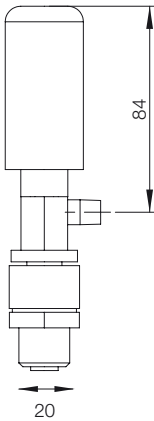
# Dimensional drawing | BP

BP 4008

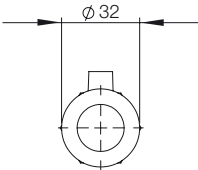
Front view



Side view

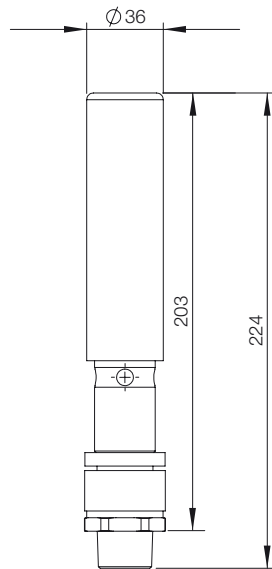


Top view

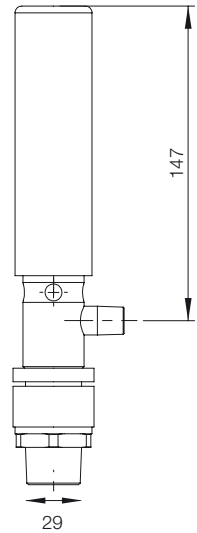


BP4015 / BP4030 / BP4040

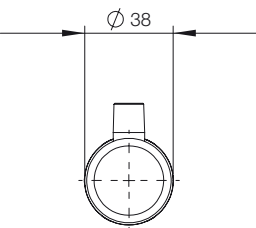
Front view



Side view

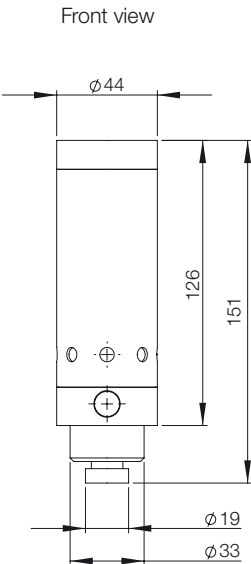


Top view

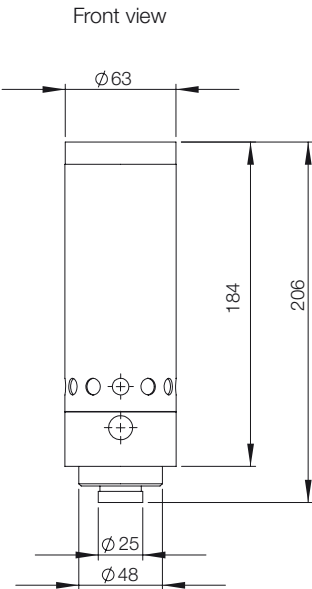




BP4608 / BP4608SS



BP4615 / BP4630 / BP4640  
BP4615SS / BP4630SS / BP4640SS



# Thermal Management

## Vortex Range

### High temperature vortex cooler | HT

IP 66 | TYPE 4X

**Description:**

Compact and reliable way to cool enclosures. It produces cold air from compressed air, with no moving parts. The easy mounting, through a standard electrical knockout, makes this solution especially suitable to be installed, even when the enclosures are already in the field. For a continuous Vortex operating, relative humidity inside the enclosure is maintained at approximately 45%, no moisture condenses inside the enclosure (the enclosure must be sealed). Suitable even for ambient temperatures up to 93 °C, the internal components can withstand these high temperatures, and includes a silencer to minimize the noise. The coolers must be installed vertically to maintain the protection degree.

**Material:**

Internal vortex tube manufactured in stainless steel. External cover, BP TYPE 12 in plastic and aluminium, BP TYPE 4 in aluminium, and TYPE 4X in stainless steel.

**Protection:**

Depending on type, up to IP 66 | TYPE 4X.

**Pack quantity:**

Vortex cooler with mounting accessories.



## IP 66 | TYPE 4X

IP 66 | TYPE 4, Aluminium

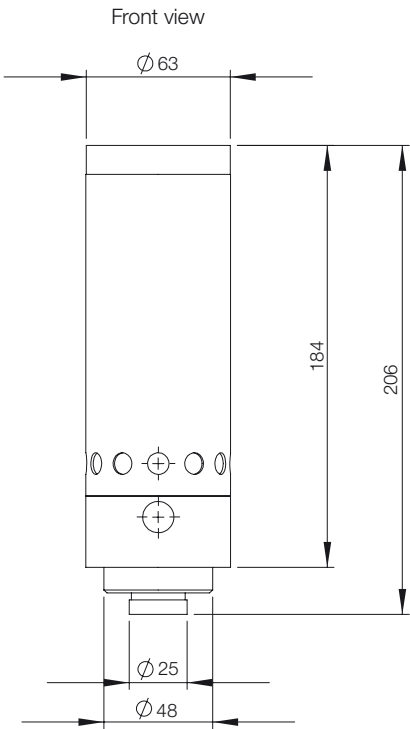
| H   | Cooling Capacity (W) | Air flow (l/min) | Noise (dB) | Silencer included | Low pressure relief valve | Installation cut-out diam. (mm) | Air inlet | Weight (kg) | Item no. |
|-----|----------------------|------------------|------------|-------------------|---------------------------|---------------------------------|-----------|-------------|----------|
| 184 | 293                  | 425              | 73         | Yes               | Yes                       | 48                              | 1/4"      | 1.20        | HT4615   |
| 184 | 586                  | 850              | 74         | Yes               | Yes                       | 48                              | 1/4"      | 0.85        | HT4630   |
| 184 | 820                  | 1133             | 78         | Yes               | Yes                       | 48                              | 1/4"      | 15          | HT4640   |

IP 66 | TYPE 4X, Stainless steel

| H   | Cooling Capacity (W) | Air flow (l/min) | Noise (dB) | Silencer included | Low pressure relief valve | Installation cut-out diam. (mm) | Air inlet | Weight (kg) | Item no. |
|-----|----------------------|------------------|------------|-------------------|---------------------------|---------------------------------|-----------|-------------|----------|
| 184 | 293                  | 425              | 73         | Yes               | Yes                       | 48                              | 1/4"      | 1.20        | HT4615SS |
| 184 | 586                  | 850              | 74         | Yes               | Yes                       | 48                              | 1/4"      | 0.85        | HT4630SS |
| 184 | 820                  | 1133             | 78         | Yes               | Yes                       | 48                              | 1/4"      | 2.30        | HT4640SS |

Cooling capacity is calculated with pressured air being 20 °C and having 7-bar pressure.

## Dimensional drawing | HT



# Thermal Management

## Vortex Range

### Accessories

#### Air distribution kit, BPA

- Description:** Flexible vinyl tube used to direct the cold air for circulation, or to hot spots. Tube connector, end plug, and adhesive clips to hold the tube are included. Holes may be drilled or cut ("V" shaped) in the tube, if the end plug is used at least 6 3.2 mm diameter holes must be made to avoid excessive back pressure on the cooler.
- Delivery:** BPA01 includes 1.2 m of tube, 4 fixation clips, connector and end plug.  
BPA02 includes 2.4 m of tube, 8 fixation clips, connector and end plug.

| For                          | Item no. |
|------------------------------|----------|
| BP 4 × 08                    | BPA01    |
| BP/HT 4 × 15; 4 × 30; 4 × 40 | BPA02    |



#### Thermostat kit, BPT

- Description:** Brass solenoid valve and thermostat that limit the flow of compressed air to only when cooling is needed. The thermostat is factory set at 35 °C, but adjustable to any other temperature. The thermostat mounts in a 22 mm diameter hole, and it may be mounted through the enclosure wall or on a bracket inside the enclosure. The thermostatically controlled vortex cooler saves compressed air, and it is recommended where heat load fluctuates and continual purge is not required.
- Voltage:** 240 V and 50 Hz. Other voltages on request.
- Delivery:** Thermostat with mounting bracket, and solenoid valve.

| For                  | Item no. |
|----------------------|----------|
| BP/HT 4 × 08; 4 × 15 | BPT14    |
| BP/HT 4 × 30; 4 × 40 | BPT38    |



#### Air regulator kit, PLFR

- Description:** Air pressure regulator with pressure dial, and manometer to adjust the air pressure. It filters condensated water and particles (>5µ). Maximum inlet pressure 13 bar, and at max pressure maximum temperature: 40 °C. Connection 1/4".
- Delivery:** Air pressure regulator and water trap.

| Item no. |
|----------|
| PLFR1/4  |

Connection 3/8" on request.

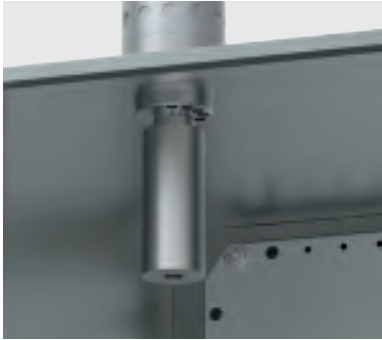


Silencer Vortex, BPS

**Description:** To reduce the noise from the vortex cooler. It mounts directly to the nozzle of the vortex cooler, inside the enclosure. It reduces around 15% the vortex cooler noise.

**Delivery:** Silencer.

| Item no. |
|----------|
| BPS4902  |



Side mounting kit, BPF

**Description:** The side mounting kits make mounting on the side of an electrical enclosure possible when there is limited space on the top. The side mounting kit maintains the TYPE / IP rating. They mount in a standard electrical knockout.

**Material:** Aluminium in BPF9001 and 9002, and stainless steel 303 in BFP9003 and 9004.

**Pack quantity:** 1 piece.

| For                       | Item no. |
|---------------------------|----------|
| BP4008                    | BPF9001  |
| BP4015, 4030, 4040        | BPF9002  |
| BP4608                    | BPF9003  |
| BP4615, 4630, 4640 and HT | BPF9004  |



# Thermal Management

## Air-Water heat exchangers Range

### Air / Water heat exchanger | PWS

IP 55



**Description:**

For vertical installation. Additional work is not required to the cutout to guarantee the IP. Integrated thermostat and solenoid valve for temperature control, and temperature monitoring with alarm contact. The thermostat is adjustable between 8 °C and 50 °C, factory setting 35 °C. Maximum permissible operating pressure of 10 bar. The cooling capacity for specific conditions are indicated in the diagrams. Water inlet temperature between 1 °C up to 35 °C.

**Type of connection:**

Spring-type terminal included with plug for electrical connection, 13 mm hose nozzle for water pipe connections.

**Material:**

Housing made of galvanized steel powder coated. Heat exchanger manufactured from copper pipe, with aluminium fins.

**Ambient temperature range:**

+1 °C to +70 °C.

**Protection:**

IP 55 towards the electrical enclosure.

**Finish:**

RAL 7035.

**Pack quantity:**

One unit.



### IP 55

| H   | W   | D   | Cooling Capacity<br>200 l/h - W10/<br>A35 (W) | Power W10/A35<br>(W) | Current W10/<br>A35 (A) | Pre fuse T (A) | Item no.  |
|-----|-----|-----|-----------------------------------------------|----------------------|-------------------------|----------------|-----------|
| 500 | 200 | 100 | 600                                           | 68 / 70              | 0.35 / 0.38             | 4              | PWS7062R5 |
| 500 | 200 | 150 | 950                                           | 82 / 84              | 0.35 / 0.40             | 4              | PWS7102R5 |
| 950 | 400 | 115 | 1500                                          | 125 / 182            | 0.55 / 0.75             | 4              | PWS7152R5 |
| 950 | 400 | 190 | 3150                                          | 295 / 385            | 1.30 / 1.70             | 6              | PWS7332R5 |

| Starting current<br>W10/A35 (A) | Unimpeded airflow<br>(m³/h) | Operating voltage | Noise (dB) | Frequency (Hz) | Weight (kg) | Item no.  |
|---------------------------------|-----------------------------|-------------------|------------|----------------|-------------|-----------|
| 1.50 / 1.80                     | 440                         | 230V 50/60Hz      | ≤48        | 50 / 60        | 6.65        | PWS7062R5 |
| 1.70 / 1.95                     | 570                         | 230V 50/60Hz      | ≤48        | 50 / 60        | 8.33        | PWS7102R5 |
| 2 / 2                           | 850                         | 230V 50/60Hz      | 53         | 50 / 60        | 23.33       | PWS7152R5 |
| 5.80 / 6.60                     | 1670                        | 230V 50/60Hz      | 54         | 50 / 60        | 25.56       | PWS7332R5 |





# Thermal Management

## Air-Water heat exchangers Range

### Air / Water heat exchanger | PWD

IP 55



**Description:**

For roof installation. Additional work is not required to the cutout to guarantee the IP. Integrated thermostat and solenoid valve for temperature control. The thermostat is adjustable between 8 °C and 50 °C, factory setting 35 °C. Maximum permissible operating pressure of 10 bar. The cooling capacity for specific conditions are indicated in the diagrams. Water inlet temperature between 1 °C to 35 °C.

**Type of connection:**

3.5 m cable 3 × 0.75 mm<sup>2</sup> for electrical connection. 13 mm hose nozzle for water pipe connections.

**Material:**

Housing manufactured from galvanized steel, powder coated. Heat exchanger manufactured from copper pipe, with aluminium fins.

**Ambient temperature range:**

+1 °C to +70 °C.

**Protection:**

IP 55 towards the electrical enclosure.

**Finish:**

RAL 7035.

**Pack quantity:**

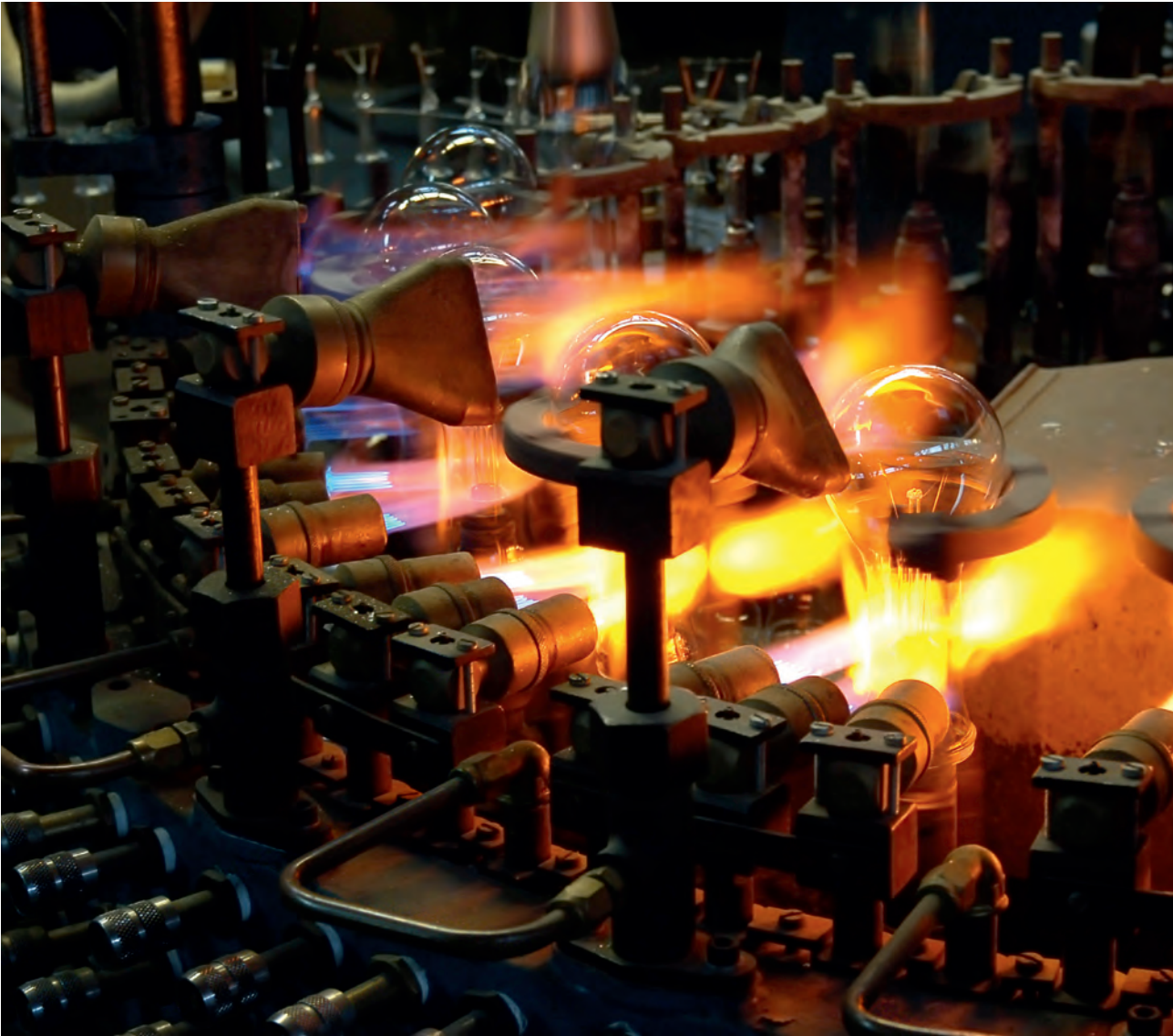
One unit.



IP 55

| H   | W   | D   | Cooling Capacity<br>400 l/h - W10/A35 (W) | Power W10/A35 (W) | Current W10/A35 (A) | Pre fuse T (A) | Item no.  |
|-----|-----|-----|-------------------------------------------|-------------------|---------------------|----------------|-----------|
| 140 | 600 | 390 | 2150                                      | 85 / 100          | 0.40                | 6              | PWD5302R5 |
| 190 | 720 | 465 | 3400                                      | 115 / 165         | 0.84                | 6              | PWD5402R5 |

| Starting current W10/<br>A35 (A) | Unimpeded airflow<br>(m³/h) | Noise (dB) | Frequency (Hz) | Weight (kg) | Item no.  |
|----------------------------------|-----------------------------|------------|----------------|-------------|-----------|
| 4                                | 500                         | 54         | 50 / 60        | 23.33       | PWD5302R5 |
| 3                                | 720                         | 64         | 50 / 60        | 33.33       | PWD5402R5 |

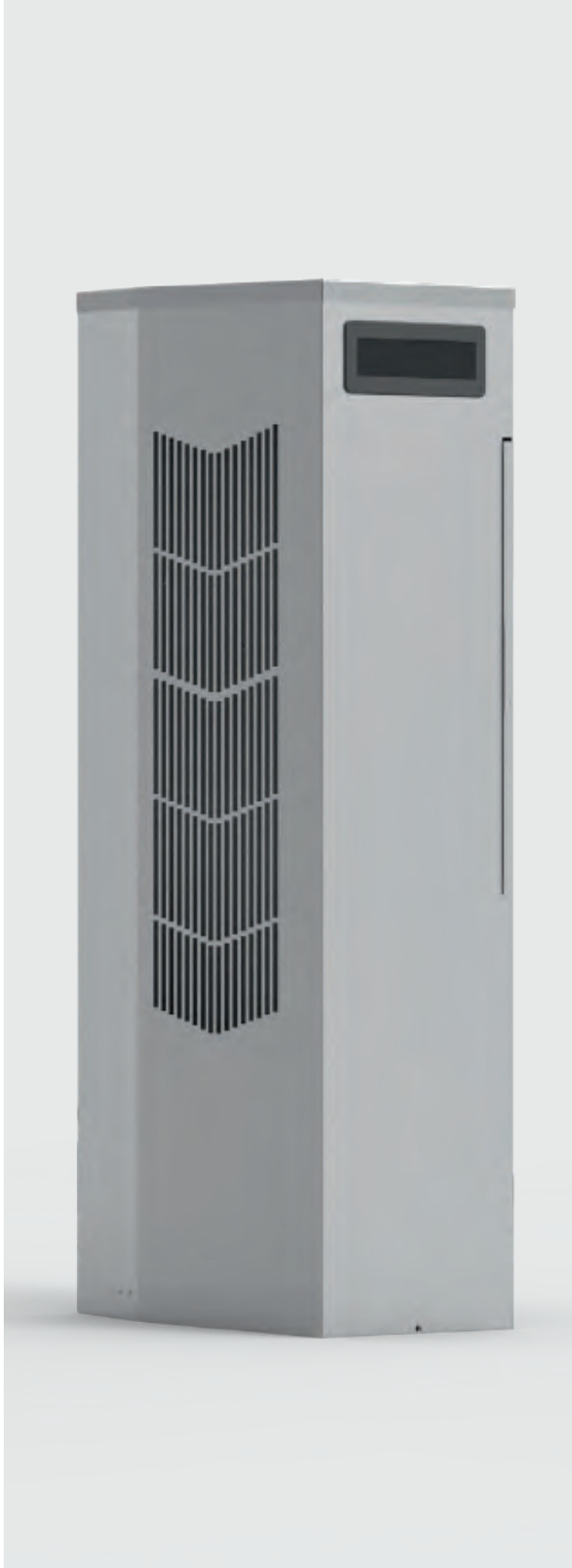


# Thermal Management

## Hazardous Locations Cooling

### Hazardous location cooling units | NHZ

IP 56 | Type 4, 4X.



#### Description:

SpectraCool Hazardous Location is the air conditioning solution engineered specifically for hazardous location cooling, not rebuilt from light industrial air conditioners. It features an attractive design with no heavy cast enclosure and minimal use of visible fasteners. Thanks to its narrow sizing, it can accommodate 12 in (300 mm) deep cabinets. SpectraCool Hazardous Location does not require purge and pressurized system. Units have a corrosion resistant coating on ambient side components for Type 4X models. R134a earth-friendly refrigerants. Easy-mount flanges for simple installation.

#### Material:

Type 4X models: Stainless steel 316L.

#### Operating temperature:

-40 to + 55 °C (+52 °C for NHZ28 Series and NHZ43 Series 115 V).

#### Type of connection:

Terminal block.

#### Protection:

IP 56 | Type 4, 4X.

#### Approvals:

CE, cULus listed File No. E469720.; Class 1 Div 2 Groups A, B, C, D T4A

#### Scope of delivery:

Active condensate management with heater strip. Compressor heater. Head pressure control. Power-off relay for door switch and other system requirements. Malfunction switch. Cleanable, reusable aluminium mesh filter to protect coils from extremely dusty and dirty atmospheres. Dust resistant coils for filterless operation in most environments. Digital temperature control on the enclosure side.

### IP 56 | Type 4, 4X.

| H    | W   | D   | Weight (kg) | Cooling capacity 35 °C/35 °C<br>at 50 Hz (W) | Cooling capacity 55 °C/55 °C<br>at 50 Hz (W) | Item no.      |
|------|-----|-----|-------------|----------------------------------------------|----------------------------------------------|---------------|
| 1092 | 292 | 356 | 63          | 2517                                         | 2945                                         | NHZ431246G400 |
| 1092 | 292 | 356 | 58          | 2628                                         | 2915                                         | NHZ431226G400 |
| 1092 | 292 | 356 | 58          | 2777                                         | 3103                                         | NHZ431216G400 |
| 915  | 292 | 356 | 52          | 2014                                         | 2277                                         | NHZ360846G400 |
| 915  | 292 | 356 | 48          | 1950                                         | 2306                                         | NHZ360826G400 |
| 915  | 292 | 356 | 48          | 2058                                         | 2405                                         | NHZ360816G400 |
| 915  | 292 | 356 | 47          | 1633                                         | 1553                                         | NHZ360646G400 |
| 915  | 292 | 356 | 45          | 1512                                         | 1603                                         | NHZ360626G400 |
| 915  | 292 | 356 | 45          | 1439                                         | 1637                                         | NHZ360616G400 |
| 711  | 292 | 356 | 44          | 1086                                         | 1250                                         | NHZ280446G400 |
| 711  | 292 | 356 | 38          | 1086                                         | 1250                                         | NHZ280426G400 |
| 711  | 292 | 356 | 38          | 1100                                         | 1150                                         | NHZ280416G400 |

| Max. power<br>consumption at 50 Hz<br>(W) | Power supply (V/ph/Hz) | Max. Nominal current<br>(A) | Starting current (A) | Noise level at 1.5<br>meters (dBA) | Item no.      |
|-------------------------------------------|------------------------|-----------------------------|----------------------|------------------------------------|---------------|
| 1294                                      | 400-460 / 3 / 50-60    | 3.4                         | 16                   | 69.6                               | NHZ431246G400 |
| 1802                                      | 230 / 1 / 50-60        | 8.7                         | 38                   | 68.4                               | NHZ431226G400 |
| 1620                                      | 115 / 1 / 50-60        | 15.1                        | 57                   | 68.4                               | NHZ431216G400 |
| 1327                                      | 400-460 / 3 / 50-60    | 3                           | 16                   | 66                                 | NHZ360846G400 |
| 1265                                      | 230 / 1 / 50-60        | 5.5                         | 27                   | 66                                 | NHZ360826G400 |
| 1206                                      | 115 / 1 / 50-60        | 11.2                        | 48.3                 | 66                                 | NHZ360816G400 |
| 691                                       | 400-460 / 3 / 50-60    | 1.7                         | 8.1                  | 68.2                               | NHZ360646G400 |
| 908                                       | 230 / 1 / 50-60        | 4.5                         | 23                   | 66.7                               | NHZ360626G400 |
| 911                                       | 115 / 1 / 50-60        | 9.1                         | 39.2                 | 66.9                               | NHZ360616G400 |
| 972                                       | 460 / 1 / 50-60        | 2.4                         | 12.5                 | 65.5                               | NHZ280446G400 |
| 972                                       | 230 / 1 / 50-60        | 4.9                         | 24.5                 | 65.5                               | NHZ280426G400 |
| 930                                       | 110-115 / 1 / 50-60    | 10.2                        | 40                   | 66.1                               | NHZ280416G400 |

For painted galvanized steel Type 4 models, stainless steel Type 4X offshore models and remote access control models, please contact your local nVent HOFFMAN sales representative.

# Thermal Management

## Hazardous Locations Cooling

### Hazardous Location Vortex A/C | VHL

**Class I, Div. 2, Groups A, B, C, D; Class II, Div. 2, Groups F, G; Class III. Type 4, 4X.**



**Description:**

Compact, reliable and low-cost solution to cool enclosures. With almost no moving parts, the device uses compressed air to produce cooling. When properly sized for the application, the HazLoc Vortex A/C will maintain the internal enclosure temperature between 24 to 38 °C (75 to 100 °F). The mechanical thermostat will regulate an internal valve to minimize compressed air usage and maintain enclosure temperatures within the range specified. Through continuous operation relative humidity inside the enclosure is maintained low, thus minimising the risk of condensation. The easy mounting through a standard cable hole makes this solution especially suitable to be installed even when the enclosures are already in the field. Top, side, and front mount allows for versatile installation in confined areas. Quieter operation with noise level of 60 to 75 dB.

**Material:**

Polycarbonate and stainless steel exterior with aluminium and brass internal components.

**Operating temperature:**

Approved for a 75 °F (80 °C) maximum ambient temperature in Class I, Div. 2; Class II, Div. 2; and Class III areas.

**Protection:**

Maintains Type 4, 4X.

**Approvals:**

cULus Classified. Class I, Div. 2, Groups A through D; Class II, Div. 2, Groups F, G; and Class III locations (when used with an approved purge/pressurization system); File No. E364567.

**Pack quantity:**

1 piece, supplied with five-micron, automatic drain compressed air: filter, cold ducting kit, cold air muffler, and check valve.

**Note:**

The HazLoc Vortex A/C shall only be used in conjunction with a properly sized enclosure purge and pressurization system that must be able to vent the additional air introduced by the HazLoc Vortex A/C. The purge and pressurization system must be selected and supplied by the end user.

**Class I, Div. 2, Groups A, B, C, D; Class II, Div. 2, Groups F, G; Class III. Type 4, 4X.**

| H   | W   | D   | Weight (kg) | Noise level (dB) | Cooling Capacity (W) | Compressed air consumption (SLPM) | Item no. |
|-----|-----|-----|-------------|------------------|----------------------|-----------------------------------|----------|
| 203 | 121 | 137 | 3           | 60               | 264                  | 425                               | VHL09160 |
| 203 | 121 | 137 | 3           | 66               | 440                  | 708                               | VHL15160 |
| 203 | 121 | 137 | 3,1         | 72               | 733                  | 991                               | VHL25160 |
| 164 | 240 | 141 | 5,2         | 75               | 1465                 | 1982                              | VHL50160 |

| Use with VHL model capacity | Description          | Item no. |
|-----------------------------|----------------------|----------|
| 440 W                       | Air filter, 5-micron | VAAF15   |
| 733 W                       | Air filter, 5-micron | VAAF25   |
| 1465 W                      | Air filter, 5-micron | VAAF50   |
| 440 W                       | Oil filter           | VCOF17   |
| 1465 W                      | Oil filter           | VCOF25   |
| 264 W                       | Generator kit        | VAGK09   |
| 440 W                       | Generator kit        | VAGK15   |
| 733 and 1465 W              | Generator kit        | VAGK25   |
| All models                  | Cold air ducting kit | VHLDK    |

# Thermal Management

## Ventilation Range

### High flow filter fan | EF

IP 54 | TYPE 12



**Description:**

Filter fan for forced ventilation. nVent HOFFMAN filter fans save time on installation as they are installed with a click-in system without screws. The hinged front cover can be easily opened for quick and easy filter replacement. The airflow direction and the connection position can easily be changed.

**Material:**

Front cover manufactured from injection-moulded thermoplastic, self-extinguishing, UL94V0.

**Temperature range:**

-40 °C to +55 °C.

**Protection:**

IP 54 | TYPE 12.

**Finish:**

RAL 7035.

**Pack quantity:**

One fan with filter.





## Dimensional table | EF

# 05

Thermal Management

### IP 54 | TYPE 12

230 V AC, 50/60 Hz

| Unimpeded airflow (m³/h) | EF+EFA Air flow (m³/h) | Filter mat (EN779) | Filtration efficiency (%) | Service life L10 (40°C)(h) | Bearing type | Noise (dB) | Item no. |
|--------------------------|------------------------|--------------------|---------------------------|----------------------------|--------------|------------|----------|
| 19/24                    | 12/14                  | G4                 | >90                       | 52.500                     | Sleeve       | 33         | EF100R5  |
| 61/67                    | 44/50                  | G4                 | >90                       | 37.500                     | Sleeve       | 44         | EF200R5  |
| 98/108                   | 73/80                  | G4                 | >90                       | 37.500                     | Sleeve       | 40         | EF220R5  |
| 125/138                  | 93/102                 | G4                 | >90                       | 40.000                     | Ball         | 40         | EF250R5  |
| 223/247                  | 201/223                | G4                 | >90                       | 40.000                     | Ball         | 42         | EF300R5  |
| 480/480                  | 370/370                | G3                 | 80-90                     | 40.000                     | Ball         | 54         | EF500R5  |
| 640/653                  | 445/445                | G3                 | 80-90                     | 40.000                     | Ball         | 63         | EF600R5  |
| 845/875                  | 560/625                | G3                 | 80-90                     | 40.000                     | Ball         | 66         | EF700R5  |

230 V AC, 50/60 Hz

| Cut-out (mm) | Weight (kg) | Connection     | Current (A) | Power (W) | Fuse (A) | Item no. |
|--------------|-------------|----------------|-------------|-----------|----------|----------|
| 92 × 92      | 0.55        | 310 mm cable   | 0.07/0.06   | 12/11     | 6        | EF100R5  |
| 125 × 125    | 0.80        | Terminal strip | 0.12/0.18   | 19/18     | 6        | EF200R5  |
| 177 × 177    | 1.05        | Terminal strip | 0.12/0.18   | 19/18     | 6        | EF220R5  |
| 223 × 223    | 1.45        | Spring type    | 0.12/0.10   | 18/17     | 6        | EF250R5  |
| 223 × 223    | 1.90        | Spring type    | 0.32/0.26   | 45/39     | 6        | EF300R5  |
| 291 × 291    | 3.85        | Spring type    | 0.30/0.36   | 80/100    | 6        | EF500R5  |
| 291 × 291    | 4.05        | Spring type    | 0.51/0.66   | 120/160   | 6        | EF600R5  |
| 291 × 291    | 4.50        | Spring type    | 0.59/0.88   | 140/197   | 6        | EF700R5  |

115 V AC, 50/60Hz

| Unimpeded airflow (m³/h) | EF+EFA Air flow (m³/h) | Filter mat (EN779) | Filtration efficiency (%) | Service life L10 (40°C)(h) | Bearing type | Noise (dB) | Item no.    |
|--------------------------|------------------------|--------------------|---------------------------|----------------------------|--------------|------------|-------------|
| 19/24                    | 12/14                  | G4                 | >90                       | 55.000                     | Sleeve       | 33         | EF100-115R5 |
| 61/67                    | 44/50                  | G4                 | >90                       | 40.000                     | Sleeve       | 44         | EF200-115R5 |
| 98/108                   | 73/80                  | G4                 | >90                       | 40.000                     | Sleeve       | 40         | EF220-115R5 |
| 125/138                  | 93/102                 | G4                 | >90                       | 42.500                     | Ball         | 43         | EF250-115R5 |
| 223/247                  | 201/223                | G4                 | >90                       | 40.000                     | Ball         | 46         | EF300-115R5 |
| 480/480                  | 370                    | G3                 | 80-90                     | 40.000                     | Ball         | 52         | EF500-115R5 |
| 640/653                  | 445                    | G3                 | 80-90                     | 40.000                     | Ball         | 64         | EF600-115R5 |
| 845/875                  | 625                    | G3                 | 80-90                     | 40.000                     | Ball         | 69         | EF700-115R5 |

115 V AC, 50/60Hz

| Cut-out (mm) | Weight (kg) | Connection     | Current (A) | Power (W) | Fuse (A) | Item no.    |
|--------------|-------------|----------------|-------------|-----------|----------|-------------|
| 92 × 92      | 0.55        | 310 mm cable   | 0.15/0.15   | 12/11     | 6        | EF100-115R5 |
| 125 × 125    | 0.80        | Terminal strip | 0.24/0.23   | 20/20     | 6        | EF200-115R5 |
| 177 × 177    | 1.05        | Terminal strip | 0.24/0.23   | 20/20     | 6        | EF220-115R5 |
| 223 × 223    | 1.45        | Spring type    | 0.25/0.25   | 18/17     | 6        | EF250-115R5 |
| 223 × 223    | 1.90        | Spring type    | 0.50/0.50   | 40/40     | 6        | EF300-115R5 |
| 291 × 291    | 3.85        | Spring type    | 0.66/0.80   | 75/90     | 6        | EF500-115R5 |
| 291 × 291    | 4.10        | Spring type    | 0.96/1.40   | 110/160   | 6        | EF600-115R5 |
| 291 × 291    | 4.50        | Spring type    | 1.23/1.71   | 140/195   | 6        | EF700-115R5 |

24 V DC

| Unimpeded airflow (m³/h) | EF+EFA Air flow (m³/h) | Filter mat (EN779) | Filtration efficiency (%) | Service life L10 (40°C)(h) | Bearing type | Noise (dB) | Item no.   |
|--------------------------|------------------------|--------------------|---------------------------|----------------------------|--------------|------------|------------|
| 19/24                    | 12/14                  | G4                 | >90                       | 70.000                     | Ball         | 33         | EF100-24R5 |
| 61/67                    | 44/50                  | G4                 | >90                       | 62.500                     | Ball         | 44         | EF200-24R5 |
| 98/108                   | 73/80                  | G4                 | >90                       | 62.500                     | Ball         | 40         | EF220-24R5 |
| 125/138                  | 93/102                 | G4                 | >90                       | 70.000                     | Ball         | 40         | EF250-24R5 |
| 223/247                  | 201/223                | G4                 | >90                       | 80.000                     | Ball         | 42         | EF300-24R5 |

24 V DC

| Cut-out (mm) | Weight (kg) | Connection   | Current (A) | Power (W) | Fuse (A) | Item no.   |
|--------------|-------------|--------------|-------------|-----------|----------|------------|
| 92 × 92      | 0.25        | 310 mm cable | 0.10        | 2.40      | 6        | EF100-24R5 |
| 125 × 125    | 0.45        | 310 mm cable | 0.21        | 5.00      | 6        | EF200-24R5 |
| 177 × 177    | 0.70        | 310 mm cable | 0.21        | 5.00      | 6        | EF220-24R5 |
| 223 × 223    | 1.40        | Spring type  | 0.20        | 4.70      | 6        | EF250-24R5 |
| 223 × 223    | 1.45        | Spring type  | 0.50        | 12.00     | 6        | EF300-24R5 |

# Thermal Management Ventilation Range

## Outdoor filter fan | EFP

IP 55 | TYPE 12

**Description:**

Filter fan for forced ventilation. nVent HOFFMAN filter fans save time on installation as they are installed with a click-in system without screws. The hinged front cover can be easily opened for quick and easy filter replacement. The airflow direction and the connection position can easily be changed. The new filter mat gives higher air flow and longer life, with a low pressure drop, because of special construction. The UV resistance of the housing makes it the best option for outdoor applications.

**Material:**

Front cover manufactured from injection-moulded thermoplastic, self-extinguishing, UL94V0. UV resistance.

**Temperature range:**

-40 °C to +55 °C.

**Protection:**

IP 55 | TYPE 12.

**Finish:**

RAL 7035.

**Pack quantity:**

One fan with filter.



## IP 55 | TYPE 12

230 V, 50/60 Hz

| Unimpeded airflow (m³/h) | EFP+EFA Air flow (m³/h) | Filter mat (EN779) | Filtration efficiency (%) | Service life L10 (40°C)(h) | Bearing type | Noise (dB) | Item no. |
|--------------------------|-------------------------|--------------------|---------------------------|----------------------------|--------------|------------|----------|
| 56/64                    | 40/46                   | G4                 | >90                       | 37.500                     | Sleeve       | 44         | EFP200R5 |
| 100/110                  | 55/64                   | G4                 | >90                       | 37.500                     | Sleeve       | 40         | EFP220R5 |
| 145/160                  | 109/113                 | G4                 | >90                       | 40.000                     | Ball         | 40         | EFP250R5 |
| 233/265                  | 180/207                 | G4                 | >90                       | 40.000                     | Ball         | 42         | EFP300R5 |
| 505/505                  | 380/380                 | G4                 | >90                       | 40.000                     | Ball         | 54         | EFP500R5 |
| 770/785                  | 490/501                 | G4                 | >90                       | 40.000                     | Ball         | 63         | EFP600R5 |
| 925/950                  | 570/625                 | G4                 | >90                       | 40.000                     | Ball         | 66         | EFP700R5 |

230 V, 50/60 Hz

| Cut-out (mm) | Weight (kg) | Connection     | Current (A) | Power (W) | Fuse (A) | Item no. |
|--------------|-------------|----------------|-------------|-----------|----------|----------|
| 125 x 125    | 0.80        | Terminal strip | 0.12/0.18   | 19/18     | 6        | EFP200R5 |
| 177 x 177    | 1.05        | Terminal strip | 0.12/0.18   | 19/18     | 6        | EFP220R5 |
| 223 x 223    | 1.45        | Spring type    | 0.12/0.10   | 18/17     | 6        | EFP250R5 |
| 223 x 223    | 1.95        | Spring type    | 0.32/0.26   | 45/39     | 6        | EFP300R5 |
| 291 x 291    | 3.90        | Spring type    | 0.35/0.45   | 80/100    | 6        | EFP500R5 |
| 291 x 291    | 4.10        | Spring type    | 0.53/0.72   | 120/160   | 6        | EFP600R5 |
| 291 x 291    | 4.55        | Spring type    | 0.62/0.86   | 140/197   | 6        | EFP700R5 |

115 V AC, 50/60Hz

| Unimpeded airflow (m³/h) | EFP+EFA Air flow (m³/h) | Filter mat (EN779) | Filtration efficiency (%) | Service life L10 (40°C)(h) | Bearing type | Noise (dB) | Item no.     |
|--------------------------|-------------------------|--------------------|---------------------------|----------------------------|--------------|------------|--------------|
| 56/64                    | 40/46                   | G4                 | >90                       | 40.000                     | Sleeve       | 44         | EFP200-115R5 |
| 100/110                  | 55/64                   | G4                 | >90                       | 40.000                     | Sleeve       | 40         | EFP220-115R5 |
| 145/160                  | 109/113                 | G4                 | >90                       | 42.500                     | Ball         | 43         | EFP250-115R5 |
| 233/265                  | 180/207                 | G4                 | >90                       | 40.000                     | Ball         | 46         | EFP300-115R5 |
| 505/505                  | 380/380                 | G4                 | >90                       | 40.000                     | Ball         | 52         | EFP500-115R5 |
| 770/785                  | 490/501                 | G4                 | >90                       | 40.000                     | Ball         | 64         | EFP600-115R5 |
| 925/950                  | 570/625                 | G4                 | >90                       | 40.000                     | Ball         | 69         | EFP700-115R5 |

115 V AC, 50/60Hz

| Cut-out (mm) | Weight (kg) | Connection     | Current (A) | Power (W) | Fuse (A) | Item no.     |
|--------------|-------------|----------------|-------------|-----------|----------|--------------|
| 125 x 125    | 0.80        | Terminal strip | 0.24/0.23   | 20/20     | 6        | EFP200-115R5 |
| 177 x 177    | 1.05        | Terminal strip | 0.24/0.23   | 20/20     | 6        | EFP220-115R5 |
| 223 x 223    | 1.45        | Spring type    | 0.25/0.25   | 18/17     | 6        | EFP250-115R5 |
| 223 x 223    | 1.90        | Spring type    | 0.50/0.50   | 40/40     | 6        | EFP300-115R5 |
| 291 x 291    | 3.90        | Spring type    | 0.66/0.80   | 75/90     | 6        | EFP500-115R5 |
| 291 x 291    | 4.10        | Spring type    | 0.96/1.40   | 110/160   | 6        | EFP600-115R5 |
| 291 x 291    | 4.55        | Spring type    | 1.23/1.71   | 140/195   | 6        | EFP700-115R5 |

24 Volt AC, 50/60 HZ

| Unimpeded airflow (m³/h) | EFP+EFA Air flow (m³/h) | Filter mat (EN779) | Filtration efficiency (%) | Service life L10 (40°C)(h) | Bearing type | Noise (dB) | Item no.       |
|--------------------------|-------------------------|--------------------|---------------------------|----------------------------|--------------|------------|----------------|
| 56/64                    | 40/46                   | G4                 | >90                       | 62.500                     | Ball         | 44         | EFP200-24VACR5 |

24 Volt AC, 50/60 HZ

| Cut-out (mm) | Weight (kg) | Current (A) | Power (W) | Fuse (A) | Item no.       |
|--------------|-------------|-------------|-----------|----------|----------------|
| 125 x 125    | 0.50        | 0.21        | 5         | 6        | EFP200-24VACR5 |

# Thermal Management

## Ventilation Range

### Accessories

## Exhaust filter, EFA

|                           |                                                                                                                                                                                                                                                                                                      |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>       | Exhaust filter to be used for natural ventilation, or for forced ventilation working with filter fans EF. nVent HOFFMAN exhaust filters save us time because are installed with a click-in system without screws. The hinged front cover can be easily opened for quick and easy filter replacement. |
| <b>Material:</b>          | Front cover made of injection-moulded thermoplastic, self-extinguishing, UL94V0.                                                                                                                                                                                                                     |
| <b>Temperature range:</b> | -40 °C to +55 °C.                                                                                                                                                                                                                                                                                    |
| <b>Protection:</b>        | IP 54   TYPE 12.                                                                                                                                                                                                                                                                                     |
| <b>Finish:</b>            | RAL 7035.                                                                                                                                                                                                                                                                                            |
| <b>Approvals:</b>         | CE, UKCA, EAC, cRUus_UL Recognized.                                                                                                                                                                                                                                                                  |
| <b>Pack quantity:</b>     | One exhaust filter.                                                                                                                                                                                                                                                                                  |



| Filter mat (EN779) | Filtration efficiency (%) | Cut-out (mm) | Depth | Item no.     |
|--------------------|---------------------------|--------------|-------|--------------|
| G4                 | >90                       | 92 x 92      | 19    | EFA100R5     |
| G4                 | >90                       | 125 x 125    | 26    | EFA200R5     |
| G4                 | >90                       | 177 x 177    | 34    | EFA220R5     |
| G4                 | >90                       | 223 x 223    | 38    | EFA250-300R5 |
| G3                 | >90                       | 291 x 291    | 39    | EFA500-700R5 |

## Standard filter mat IP54, EFM

|                           |                                                                                                                                                                                        |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>       | To replace the standard filter supplied with the filter fans EF and the exhaust filters EFA. It is recommended to replace the filter each year or sooner depending on the environment. |
| <b>Temperature range:</b> | -40 °C to +55 °C.                                                                                                                                                                      |
| <b>Pack quantity:</b>     | 5 pieces.                                                                                                                                                                              |

| Filter mat (EN779) | For             | Item no.   |
|--------------------|-----------------|------------|
| G4                 | EF/EFA 100      | EFM100     |
| G4                 | EF/EFA 200      | EFM200     |
| G4                 | EF/EFA 220      | EFM220     |
| G4                 | EF/EFA 250, 300 | EFM250-300 |
| G3                 | EF/EFA 500, 700 | EFM500-700 |



## Exhaust filter, outdoor version, EFAP

|                           |                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>       | Exhaust filter to be used for natural ventilation, or for forced ventilation working with filter fans EFP. nVent HOFFMAN exhaust filters save us time because are installed with a clickin system without screws. The hinged front cover can be easily opened for quick and easy filter replacement. The new filter mat gives longer life with a low pressure drop because of special construction. |
| <b>Material:</b>          | Front cover made of injection-moulded thermoplastic, self-extinguishing, UL94V0. UV resistance.                                                                                                                                                                                                                                                                                                     |
| <b>Temperature range:</b> | -40 °C to +55 °C.                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Protection:</b>        | IP 55   TYPE 12.                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Finish:</b>            | RAL 7035.                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Approvals:</b>         | CE, UKCA, EAC, cRUus_UL Recognized.                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Pack quantity:</b>     | One exhaust filter.                                                                                                                                                                                                                                                                                                                                                                                 |



| Filter mat (EN779) | Filtration efficiency (%) | Cut-out (mm) | Item no.      |
|--------------------|---------------------------|--------------|---------------|
| G4                 | >90                       | 125 x 125    | EFAP200R5     |
| G4                 | >90                       | 177 x 177    | EFAP220R5     |
| G4                 | >90                       | 223 x 223    | EFAP250-300R5 |
| G4                 | >90                       | 291 x 291    | EFAP500-700R5 |

## Replacement filter mat IP55, EFMP

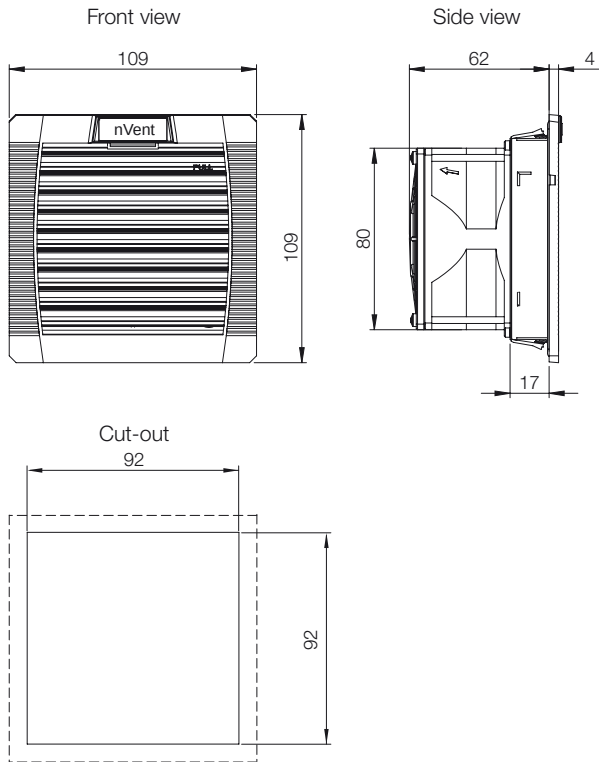
|                           |                                                                                                                                                                                          |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>       | To replace the standard filter supplied with the filter fans EFP and the exhaust filters EFAP. It is recommended to replace the filter each year or sooner depending on the environment. |
| <b>Temperature range:</b> | -40 °C to +55 °C.                                                                                                                                                                        |
| <b>Pack quantity:</b>     | 5 pieces.                                                                                                                                                                                |

| Filter mat (EN779) | For                  | Item no.    |
|--------------------|----------------------|-------------|
| G4                 | EFP/EFAP 200         | EFMP200     |
| G4                 | EFP/EFAP 220         | EFMP220     |
| G4                 | EFP/EFAP 250/300     | EFMP250-300 |
| G4                 | EFP/EFAP 500/600/700 | EFMP500-700 |

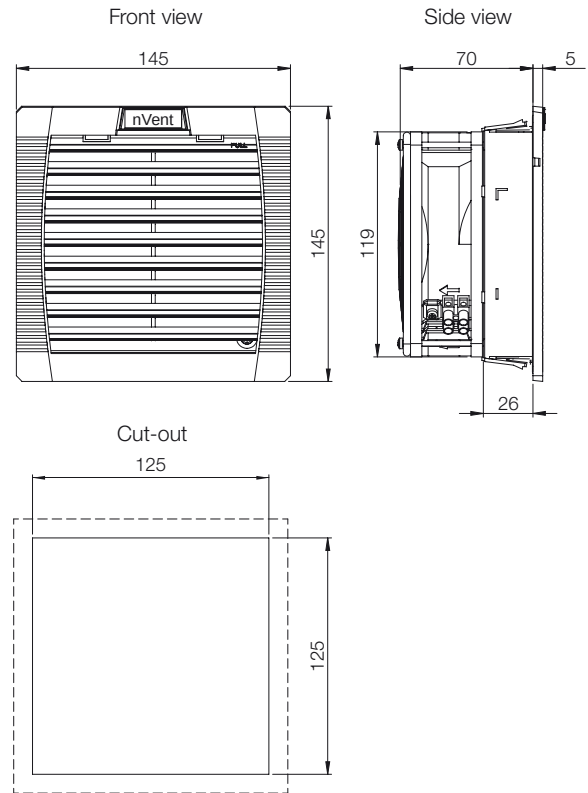


# Dimensional drawing | EF/EFA

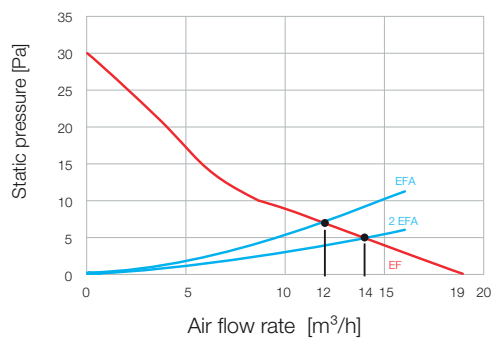
EF100R5 / EFA100R5



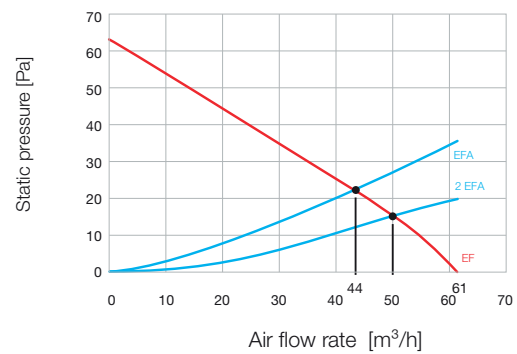
EF200R5 / EFA200R5



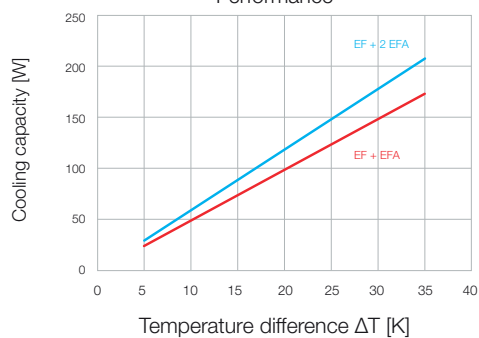
Static pressure diagram



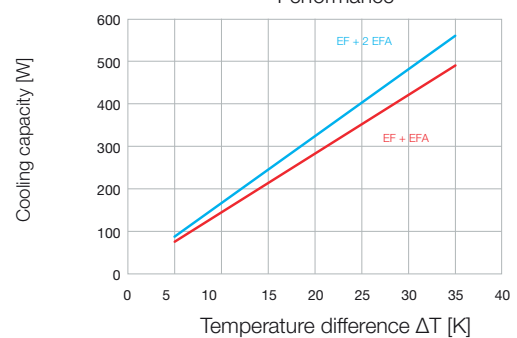
Static pressure diagram



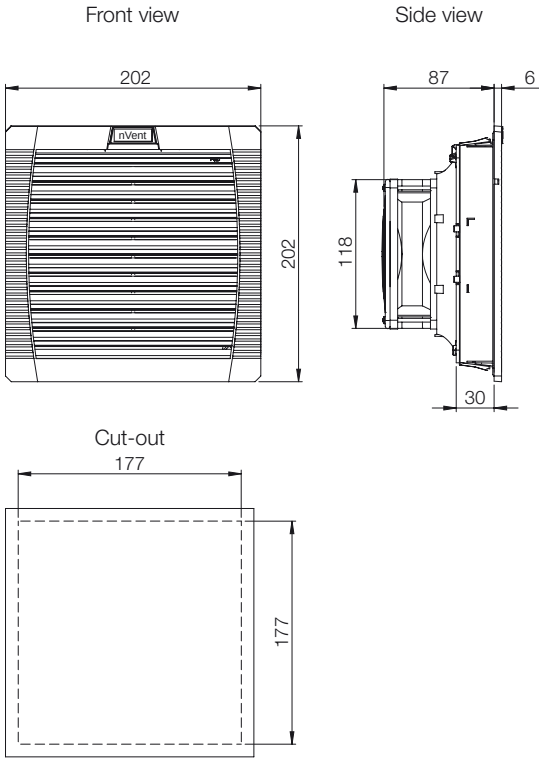
Performance



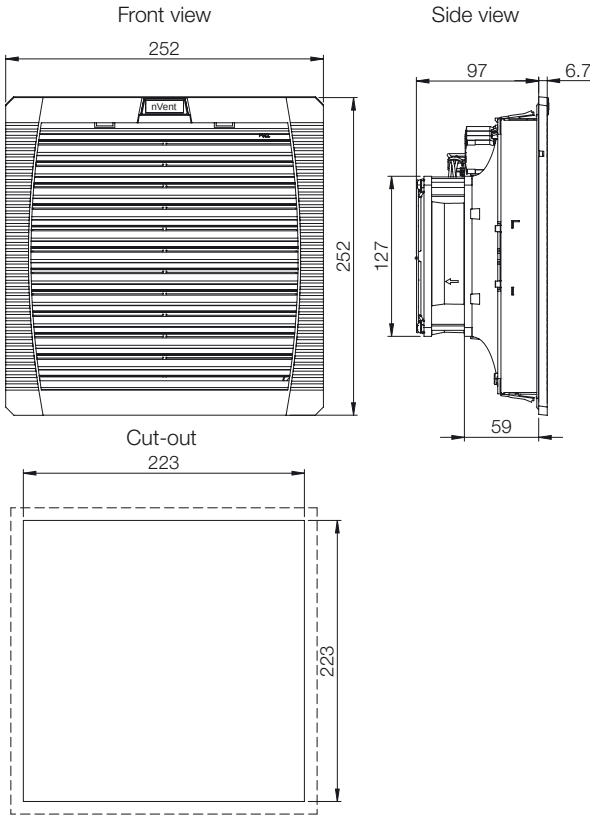
Performance



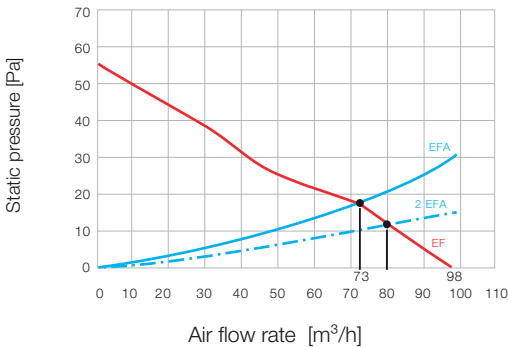
EF220R5 / EFA220R5



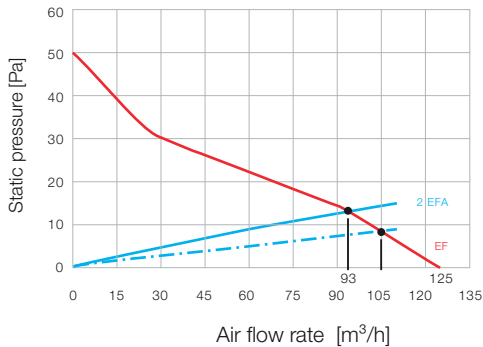
EF250R5 / EFA250R5



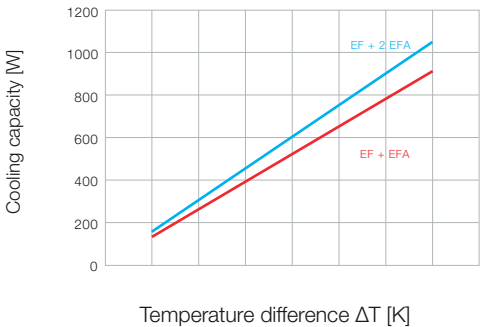
Static pressure diagram



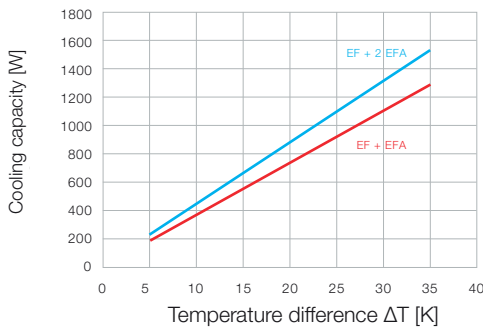
Static pressure diagram



Performance



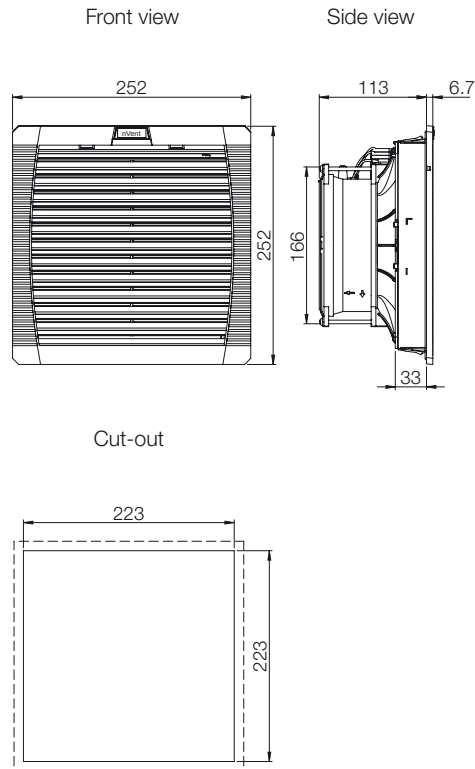
Performance



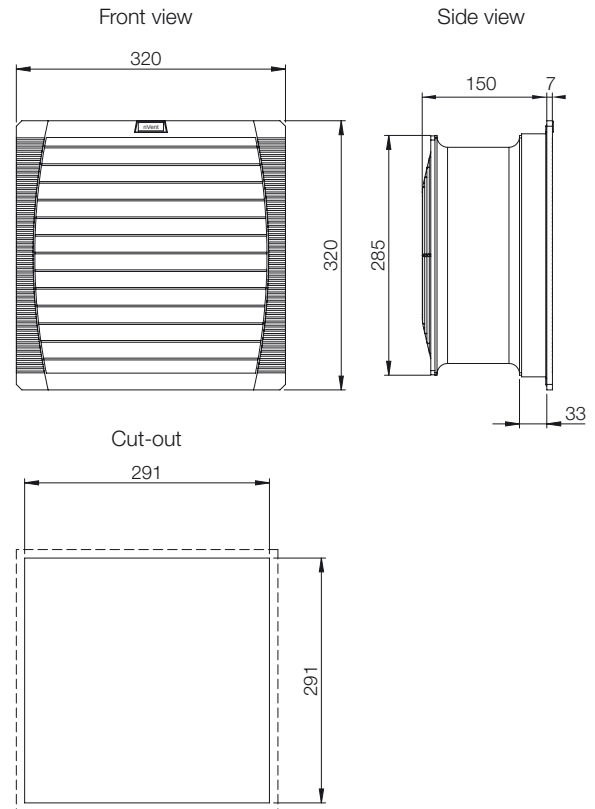


# Dimensional drawing | EF/EFA

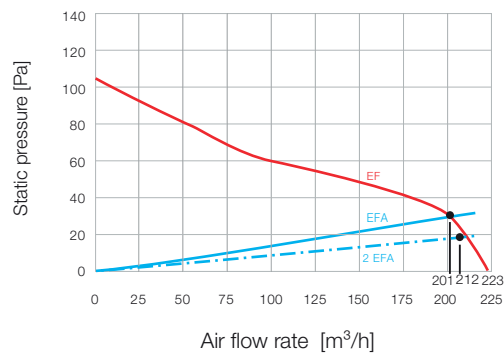
EF300R5 / EFA300R5



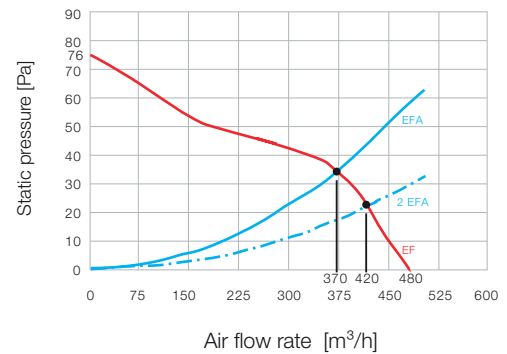
EF500R5 / EFA500R5



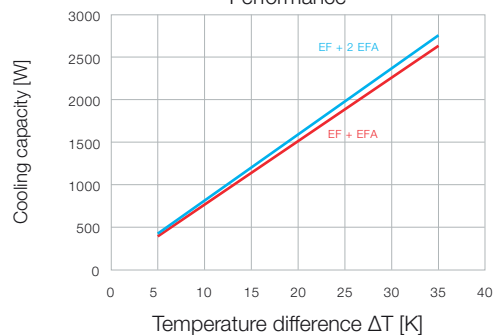
Static pressure diagram



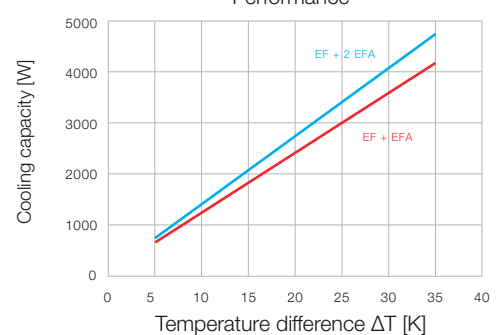
Static pressure diagram



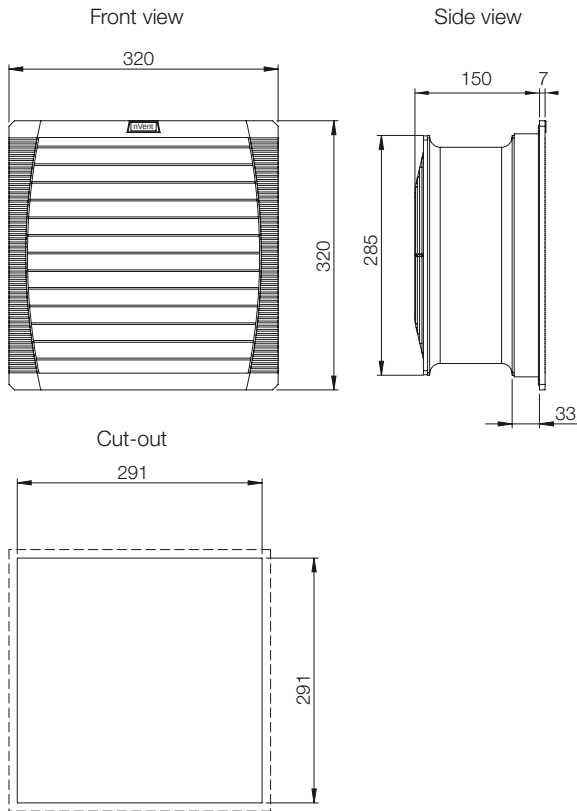
Performance



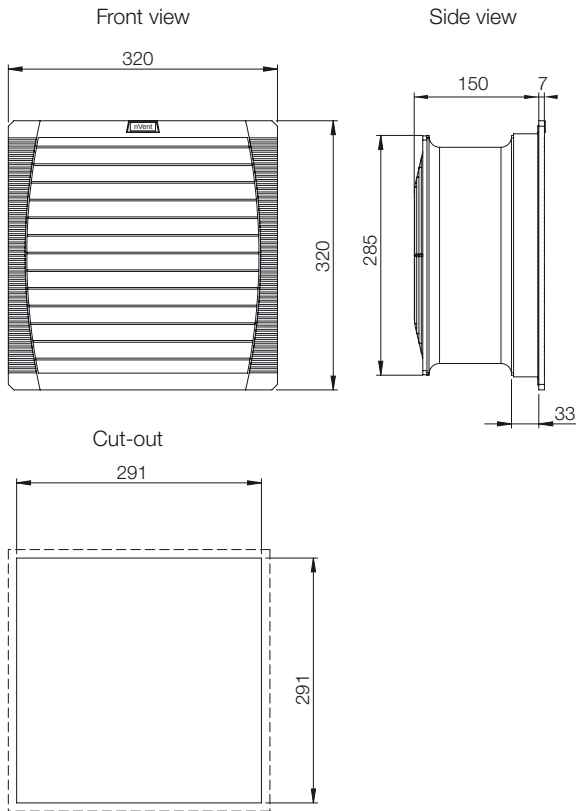
Performance



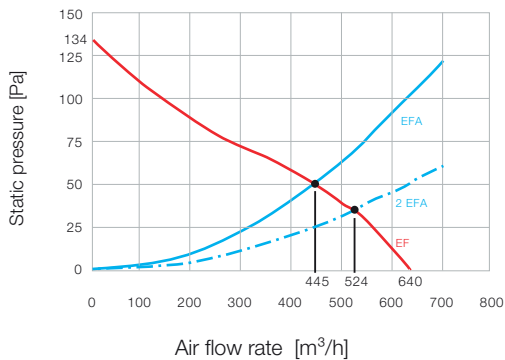
EF600R5 / EFA600R5



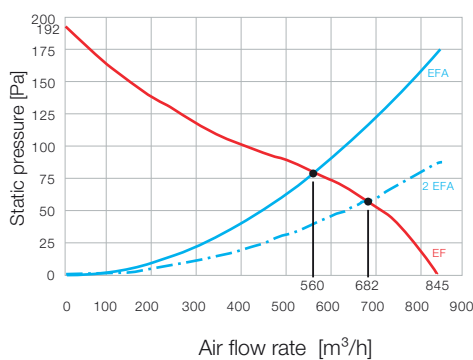
EF700R5 / EFA700R5



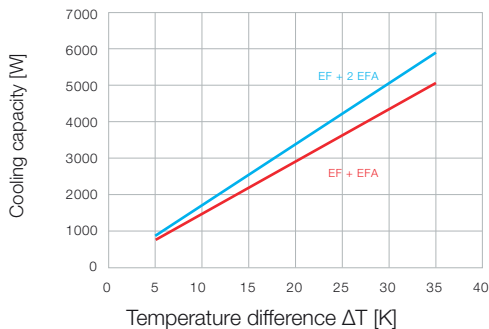
Static pressure diagram



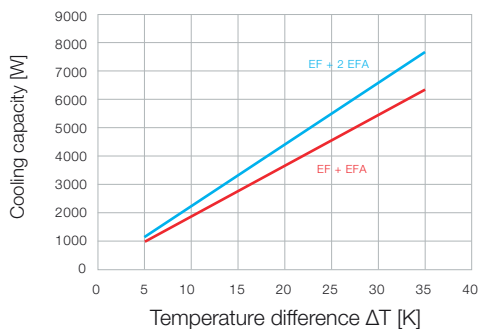
Static pressure diagram



Performance

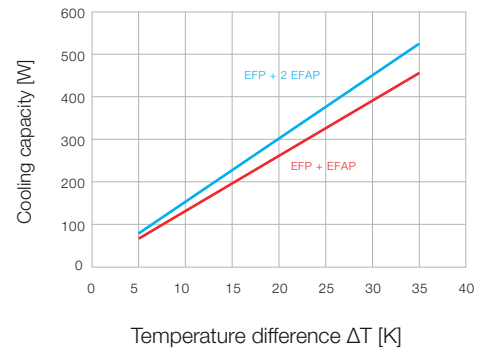
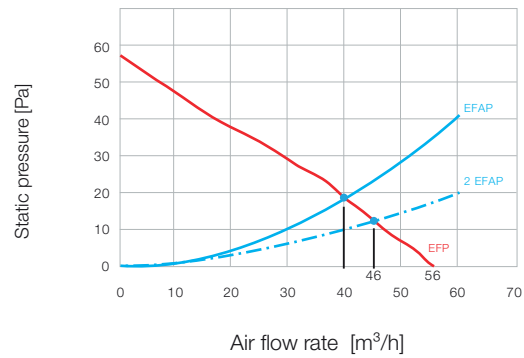


Performance

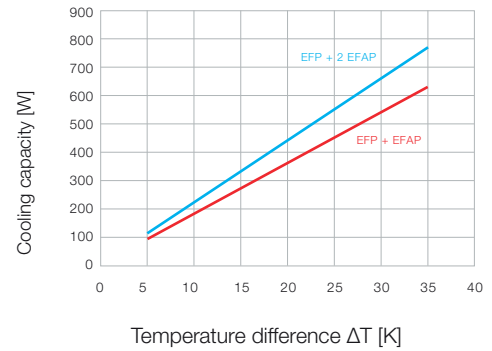
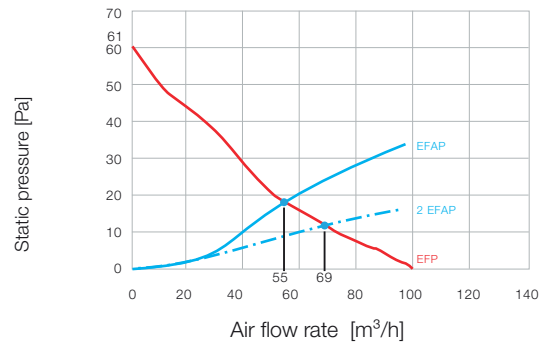


# Performance | EFP/EFAP

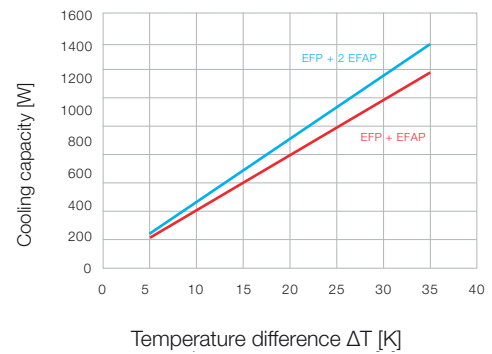
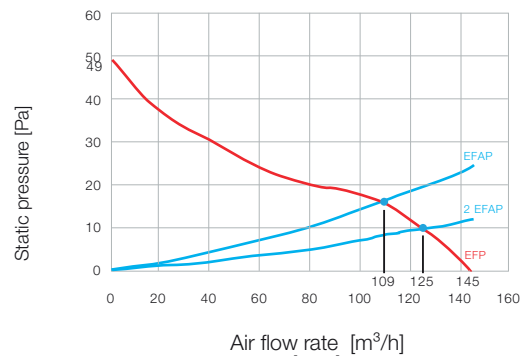
EFP200R5 / EFAP200R5



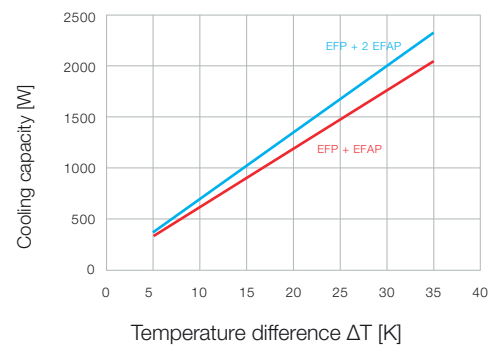
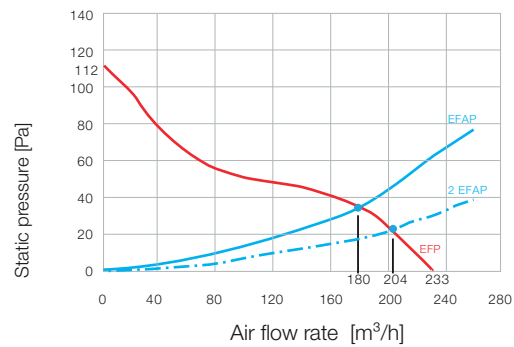
EFP220R5 / EFAP220R5



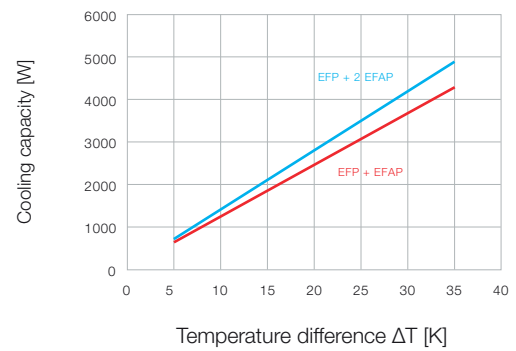
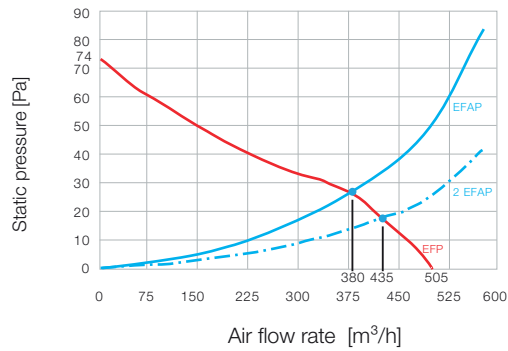
EFP250R5 / EFAP250-300R5



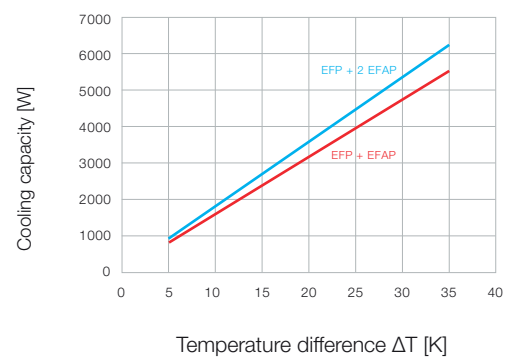
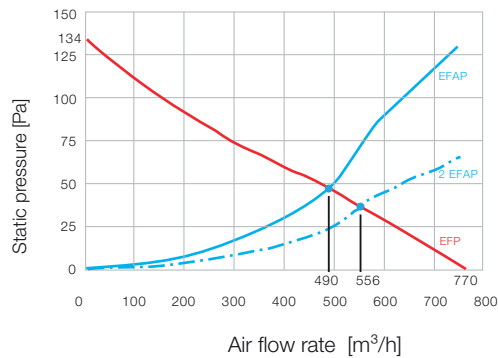
EFP300R5 / EFAP250-300R5



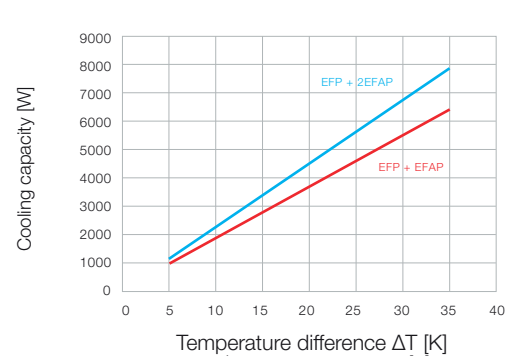
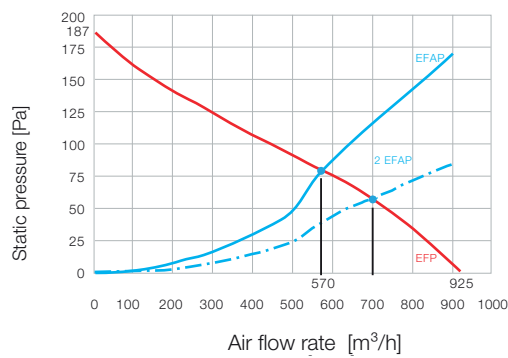
EFP500R5 / EFAP500-700R5



EFP600R5 / EFAP500-700R5



EFP700R5 / EFAP500-700R5



# Thermal Management Ventilation Range

## Roof fan unit | RFU

**Description:**

Roof fan unit for mounting on the top of the enclosure providing forced ventilation. The unit is easily installed with a quick fastening system, and the required cutout is the same for the different air flow.

**Material:**

Painted mild steel, and injection-moulded thermoplastic (ABS-FR) self extinguishing, UL94V0.

**Temperature range:**

-15 °C to +55 °C.

**Type of connection:**

Terminal strip.

**Finish:**

RAL 7035.

**Pack quantity:**

One roof fan unit.



### 230 V, 50/60 Hz

| Unimpeded airflow (m³/h) | RFU+EFA Air flow (m³/h) | Filter mat (EN779) | Filtration efficiency (%) | Service life L10 (40°C)(h) | Bearing type | Noise (dB) | Item no.   |
|--------------------------|-------------------------|--------------------|---------------------------|----------------------------|--------------|------------|------------|
| 500                      | 268                     | No filter mat      | No filter mat             | 50.000                     | Ball         | 67         | RFU5003R5  |
| 700                      | 427                     | No filter mat      | No filter mat             | 40.000                     | Ball         | 69         | RFU7003R5  |
| 1000                     | 582                     | No filter mat      | No filter mat             | 40.000                     | Ball         | 77         | RFU10003R5 |
| 350                      | 242                     | G4                 | >90                       | 50.000                     | Ball         | 67         | RFU5005R5  |
| 550                      | 370                     | G4                 | >90                       | 40.000                     | Ball         | 69         | RFU7005R5  |
| 750                      | 500                     | G4                 | >90                       | 40.000                     | Ball         | 77         | RFU10005R5 |

### 230 V, 50/60 Hz

| IP | Cut-out (mm) | Weight (kg) | Connection     | Current (A)   | Power (W) | Fuse (A) | Item no.   |
|----|--------------|-------------|----------------|---------------|-----------|----------|------------|
| 33 | 291 x 291    | 5.55        | Terminal strip | 4 x 0.20/0.20 | 4 x 28/29 | 6        | RFU5003R5  |
| 33 | 291 x 291    | 6.15        | Terminal strip | 0.35/0.45     | 80/100    | 6        | RFU7003R5  |
| 33 | 291 x 291    | 6.45        | Terminal strip | 0.53/0.72     | 120/160   | 6        | RFU10003R5 |
| 54 | 291 x 291    | 5.55        | Terminal strip | 4 x 0.20/0.20 | 4 x 28/29 | 6        | RFU5005R5  |
| 54 | 291 x 291    | 6.30        | Terminal strip | 0.35/0.45     | 80/100    | 6        | RFU7005R5  |
| 54 | 291 x 291    | 4.78        | Terminal strip | 0.53/0.72     | 120/160   | 6        | RFU10005R5 |

### 115 V AC, 50/60Hz

| Unimpeded airflow (m³/h) | RFU+EFA Air flow (m³/h) | Filter mat (EN779) | Filtration efficiency (%) | Service life L10 (40°C)(h) | Bearing type | Noise (dB) | Item no.   |
|--------------------------|-------------------------|--------------------|---------------------------|----------------------------|--------------|------------|------------|
| 500                      | 268                     | No filter mat      | No filter mat             | 50.000                     | Ball         | 67         | RFU5013R5  |
| 700                      | 427                     | No filter mat      | No filter mat             | 40.000                     | Ball         | 69         | RFU7013R5  |
| 1000                     | 582                     | No filter mat      | No filter mat             | 40.000                     | Ball         | 77         | RFU10013R5 |
| 350                      | 242                     | G4                 | >90                       | 50.000                     | Ball         | 67         | RFU5015R5  |
| 550                      | 370                     | G4                 | >90                       | 40.000                     | Ball         | 69         | RFU7015R5  |
| 750                      | 500                     | G4                 | >90                       | 40.000                     | Ball         | 77         | RFU10015R5 |

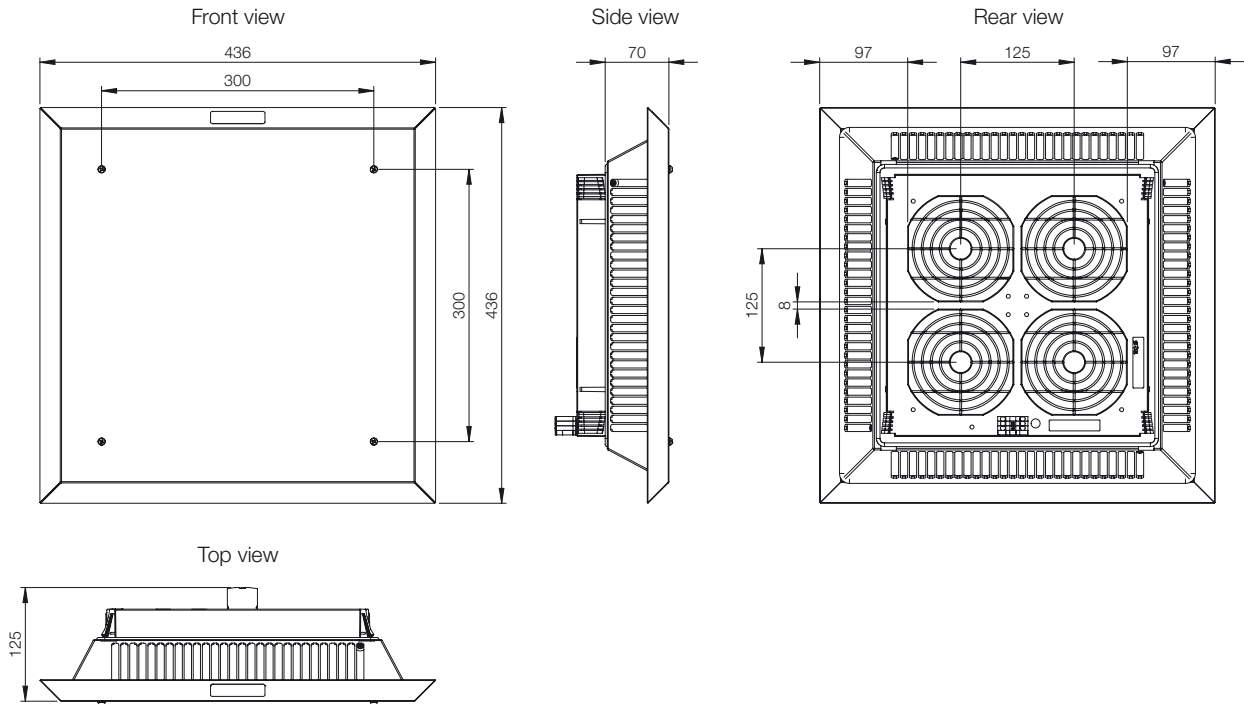
### 115 V AC, 50/60Hz

| IP | Cut-out (mm) | Weight (kg) | Connection     | Current (A)   | Power (W) | Fuse (A) | Item no.   |
|----|--------------|-------------|----------------|---------------|-----------|----------|------------|
| 33 | 291 x 291    | 5.60        | Terminal strip | 4 x 0.30/0.30 | 4 x 29/24 | 6        | RFU5013R5  |
| 33 | 291 x 291    | 4.56        | Terminal strip | 0.66/0.80     | 75/90     | 6        | RFU7013R5  |
| 33 | 291 x 291    | 4.78        | Terminal strip | 0.96/1.40     | 110/160   | 6        | RFU10013R5 |
| 54 | 291 x 291    | 5.33        | Terminal strip | 4 x 0.30/0.30 | 4 x 29/24 | 6        | RFU5015R5  |
| 54 | 291 x 291    | 4.56        | Terminal strip | 0.66/0.80     | 75/90     | 6        | RFU7015R5  |
| 54 | 291 x 291    | 4.78        | Terminal strip | 0.96/1.40     | 110/160   | 6        | RFU10015R5 |

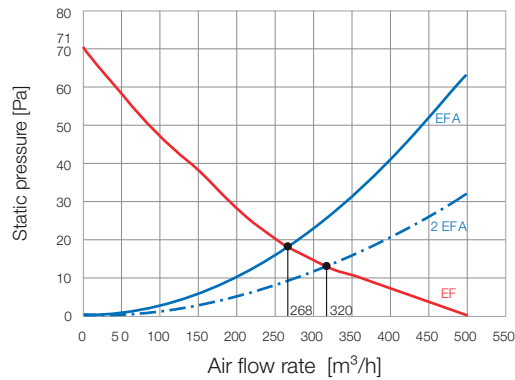
(1) The value in the table is for the combination RFU + EFA500-700R5.

# Dimensional drawing | RFU

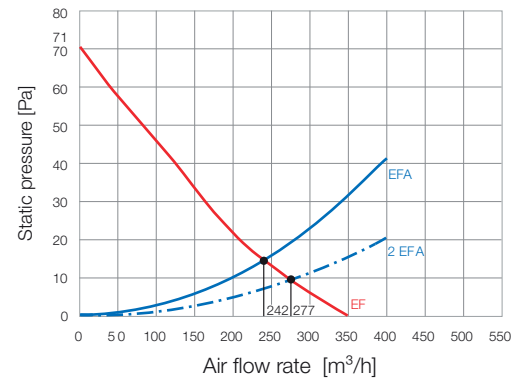
RFU5003R5 / RFU5005R5  
RFU5013R5 / RFU5015R5



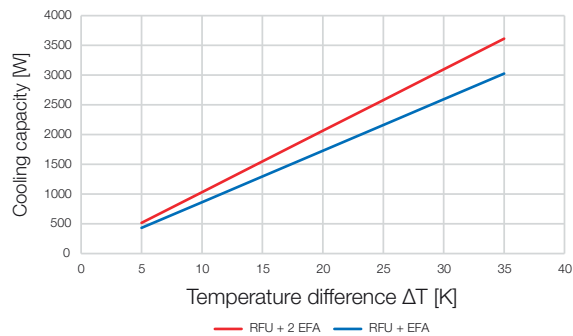
RFU5003R5 / RFU5013R5  
Static pressure diagram



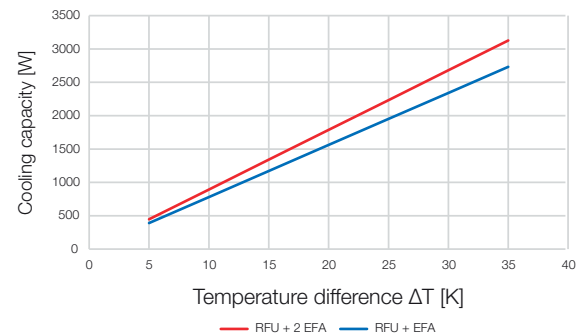
RFU5005R5 / RFU5015R5  
Static pressure diagram



Performance

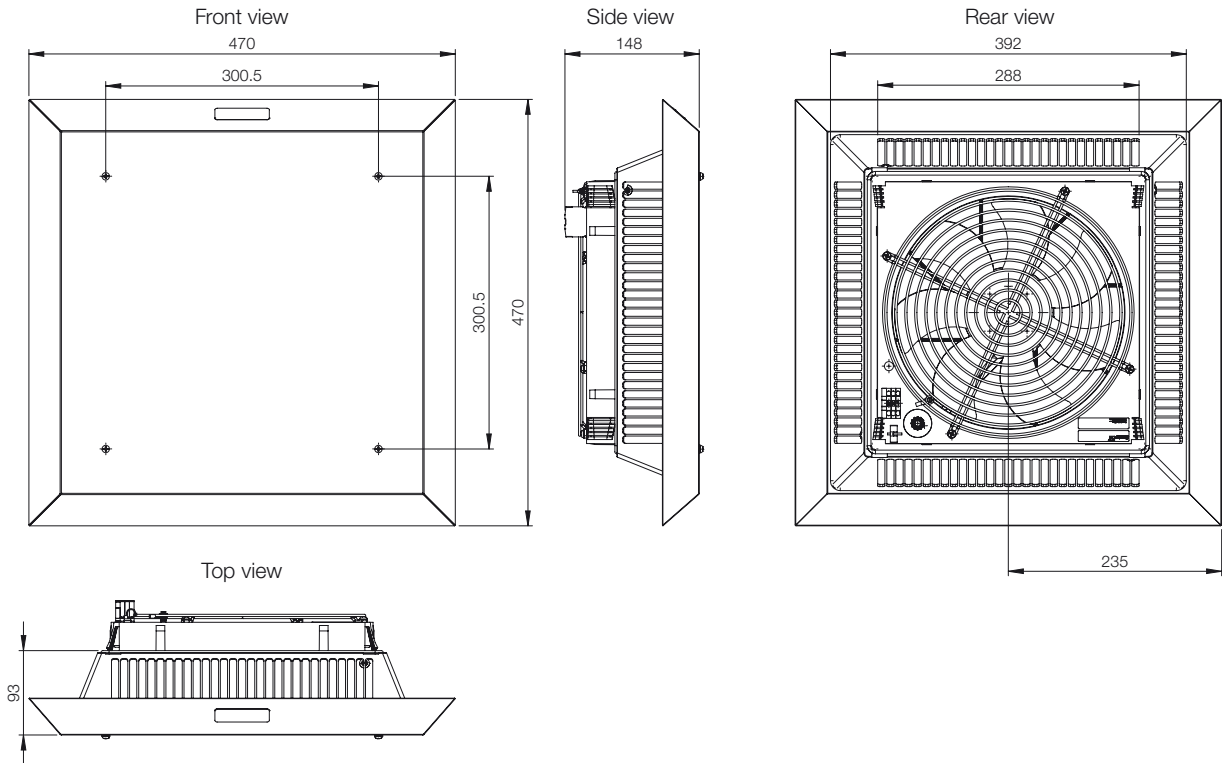


Performance

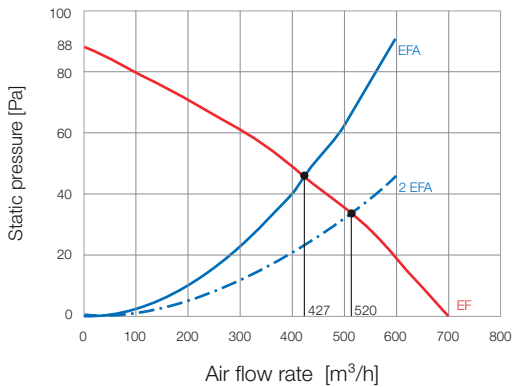




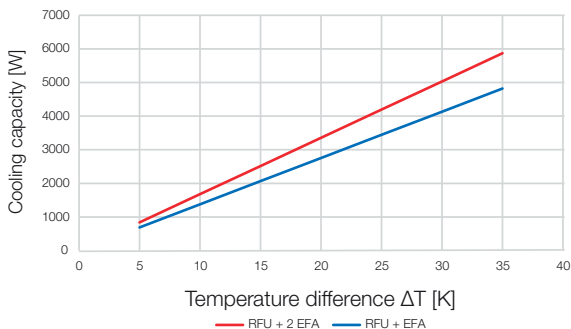
RFU7003R5 / RFU7005R5  
RFU7013R5 / RFU7015R5



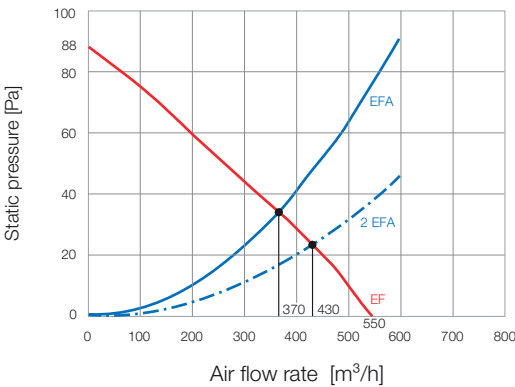
RFU7003R5 / RFU7013R5  
Static pressure diagram



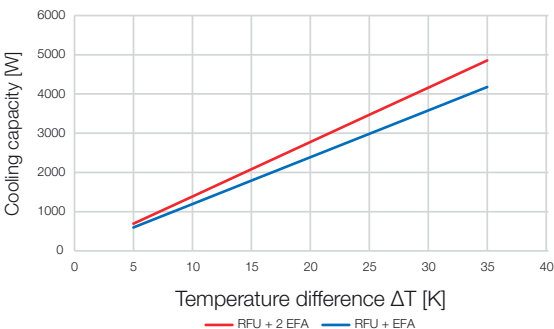
Performance



RFU7005R5 / RFU7015R5  
Static pressure diagram

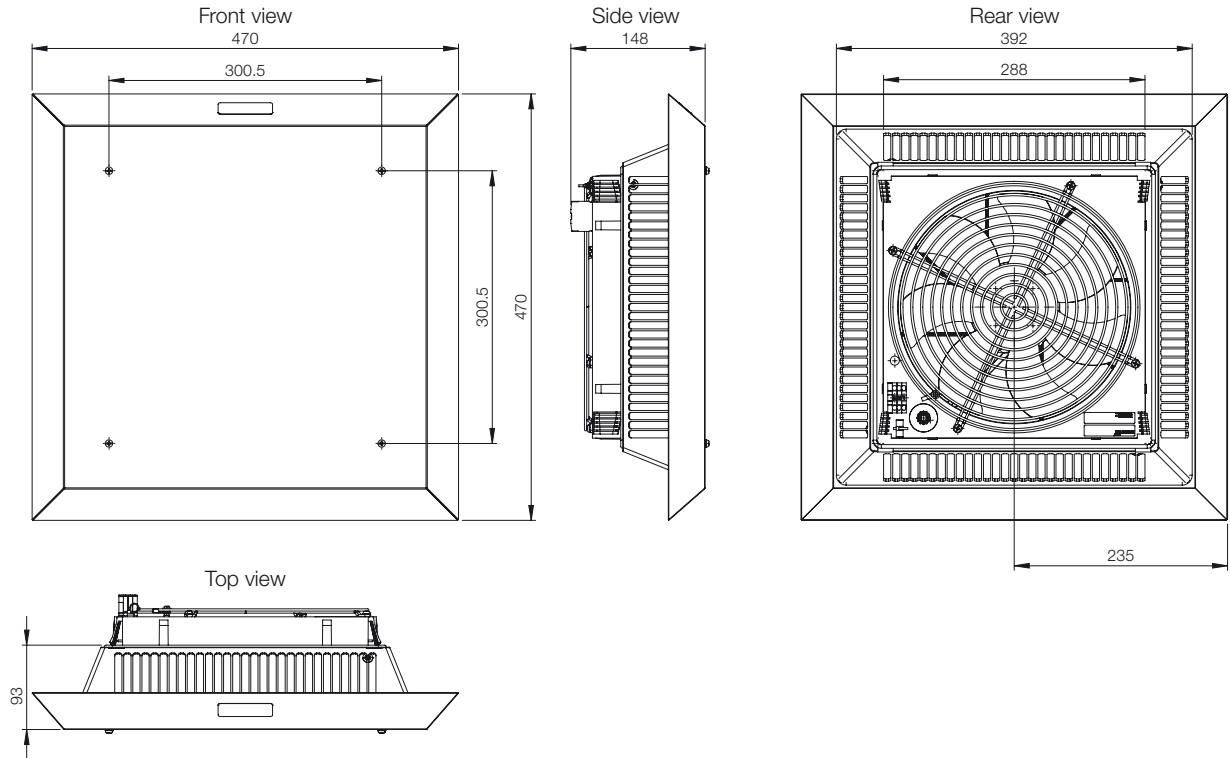


Performance

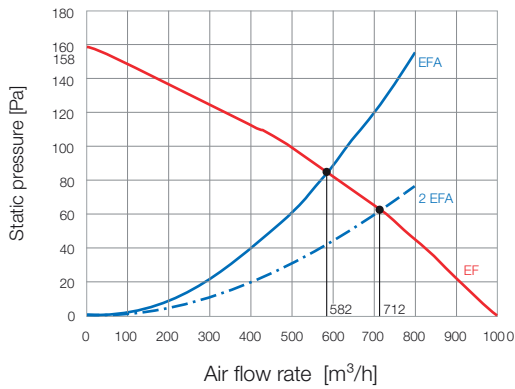


# Dimensional drawing | RFU

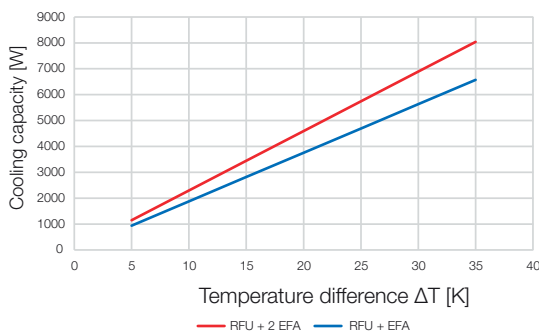
RFU10003R5 / RFU10005R5  
RFU10013R5 / RFU10015R5



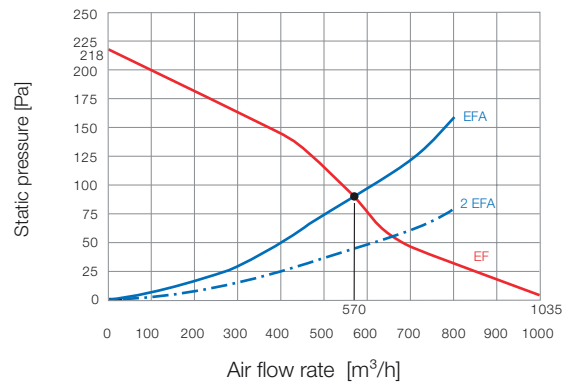
RFU10003R5 / RFU10013R5  
Static pressure diagram



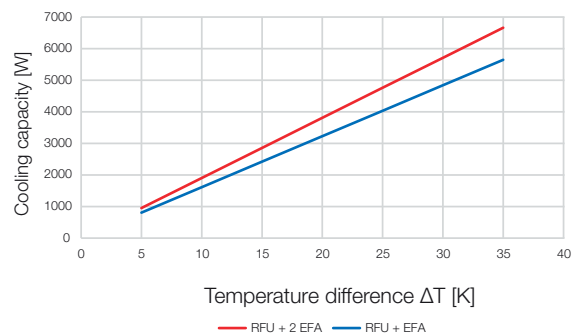
Performance

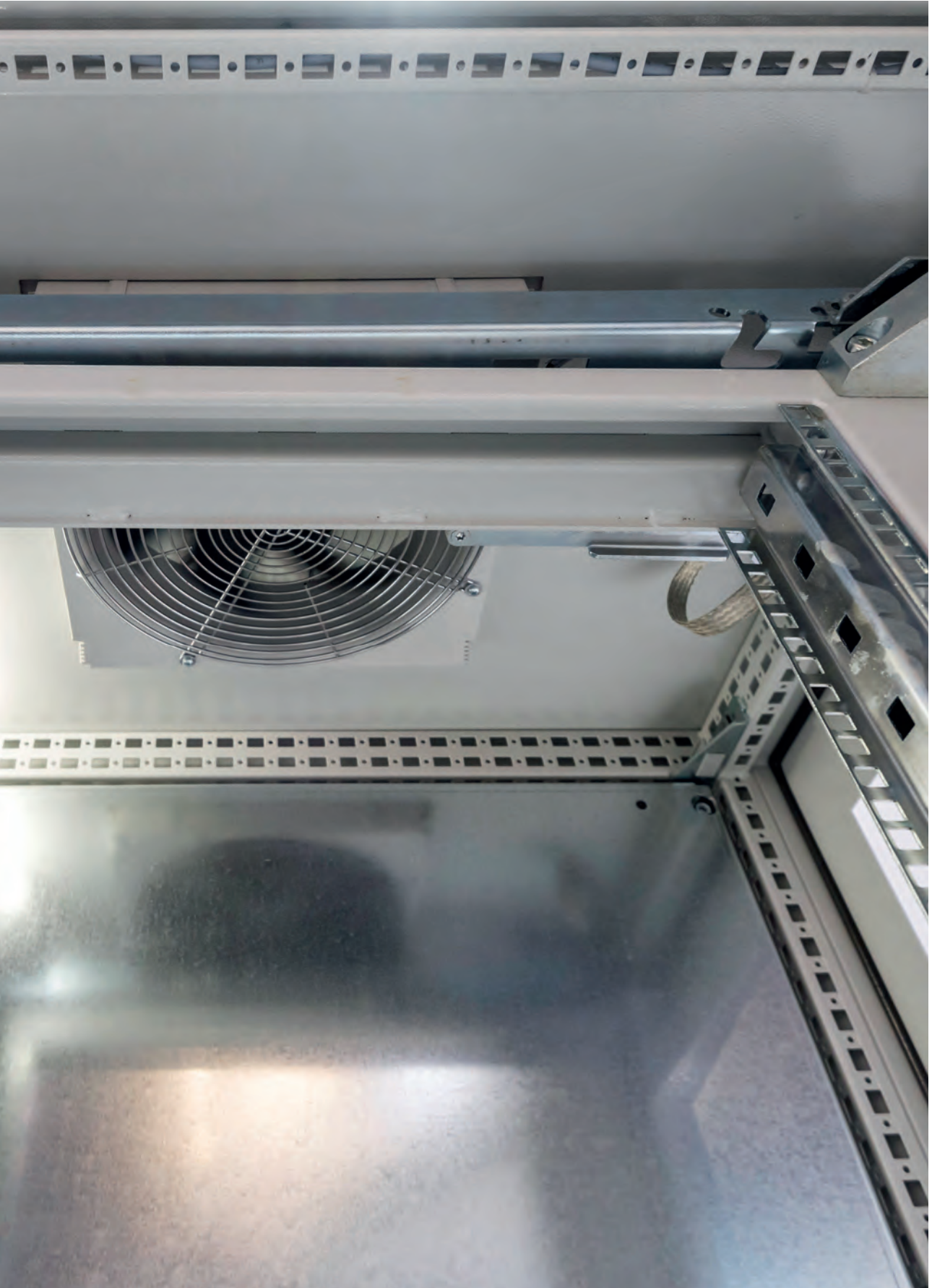


RFU10005R5 / RFU10015R5  
Static pressure diagram



Performance





# Thermal Management Ventilation Range

## Roof | REU

**Description:**

Roof exhaust unit for mounting on the top of the enclosure, providing natural ventilation. The unit is easily installed with a quick fastening system. Filtration efficiency of >90% for the IP 54 unit (REU05R5).

**Material:**

Painted mild steel, and injection-moulded thermoplastic (ABS-FR) self extinguishing, UL94V0.

**Temperature range:**

-15 °C to +55 °C.

**Protection:**

IP 33 No filtermat, IP54. Filtermat.

**Finish:**

RAL 7035 structured powder coating.

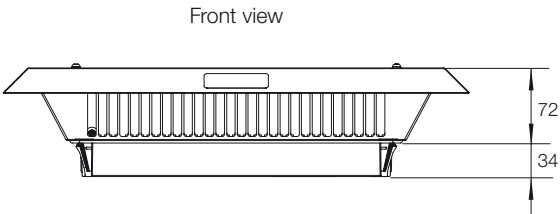
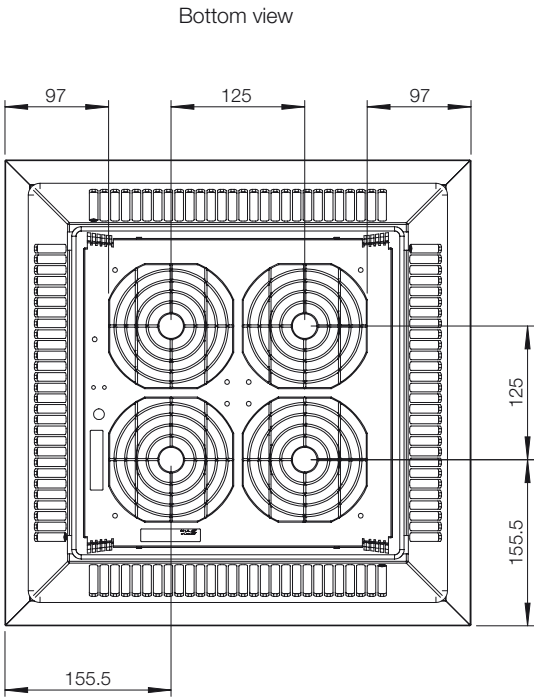
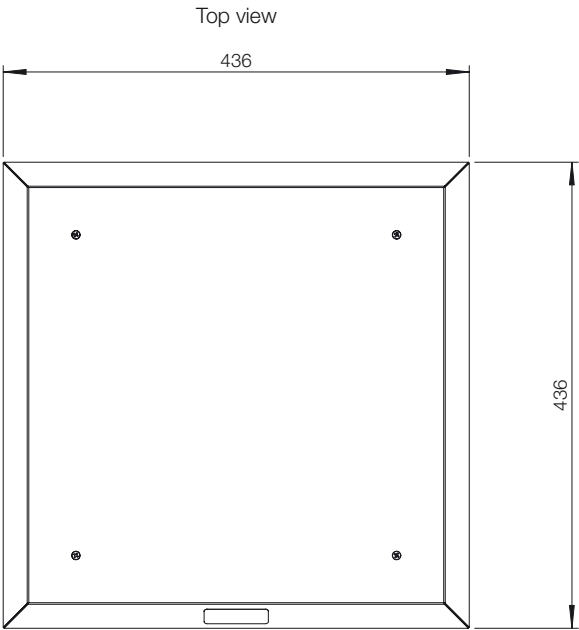
**Pack quantity:**

One roof exhaust unit.



| Filter mat (EN779) | Filtration efficiency (%) | IP | Cut-out (mm) | Weight (kg) | Item no. |
|--------------------|---------------------------|----|--------------|-------------|----------|
| No filter mat      | No filter mat             | 33 | 291 × 291    | 3.35        | REU03R5  |
| G4                 | >90                       | 54 | 291 × 291    | 3.40        | REU05R5  |

Dimensional drawing | REU



# Thermal Management

## Heating & Anticondensation Range

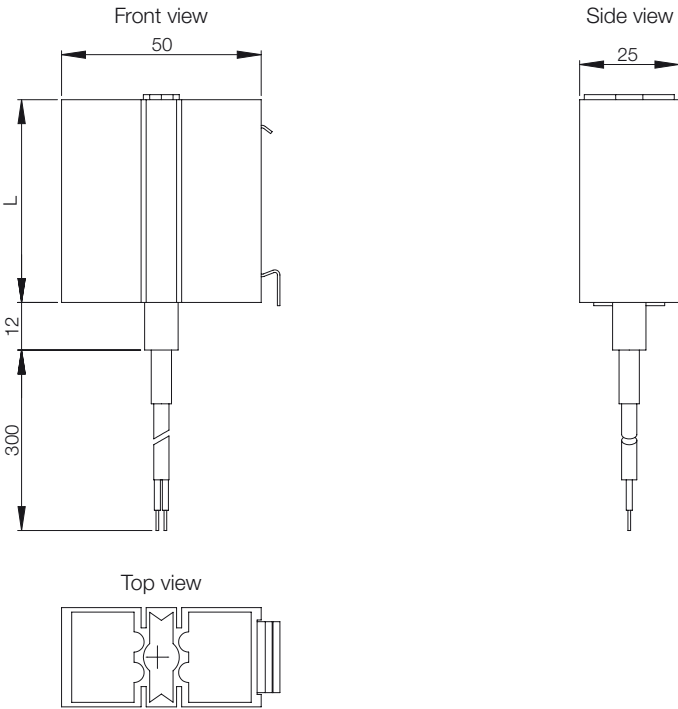
### Accessories

## Anti condensation small heater, EGK

|                               |                                                                                                                                                                               |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | Small semiconductor heater to be fixed in vertical position to prevent condensation. Mounting clip for 35 mm DIN rail (EN60715). For UL version please contact nVent HOFFMAN. |
| <b>Heating element:</b>       | PTC resistor.                                                                                                                                                                 |
| <b>Material:</b>              | Plastic, and anodised aluminium profile.                                                                                                                                      |
| <b>Operating temperature:</b> | -45 °C to +70 °C. The heating capacity is for ambient temperature 20 °C.                                                                                                      |
| <b>Connection:</b>            | 3 x 0.5 mm <sup>2</sup> (300 mm) silicon cable. For UL heaters 3XAWG20 (300 mm) cable.                                                                                        |
| <b>Protection:</b>            | IP 44, Class I (earthed).                                                                                                                                                     |
| <b>Approvals:</b>             | CE, EAC.                                                                                                                                                                      |
| <b>Pack quantity:</b>         | 1 piece.                                                                                                                                                                      |

| Capacity (W) | Starting current (A) | L (mm) | Voltage (V)     | Weight (kg) | Item no. |
|--------------|----------------------|--------|-----------------|-------------|----------|
| 10           | 1.0                  | 52     | 120-240 V AC/DC | 0.15        | EGK010   |
| 20           | 2.5                  | 60     | 120-240 V AC/DC | 0.15        | EGK020   |
| 30           | 3.0                  | 70     | 120-240 V AC/DC | 0.15        | EGK030   |

*\* The min / max voltage values for 120-240 V heaters are 110 / 265 V, operating with voltages below 140 V AC/DC reduces heating performance by approx. 10%.*

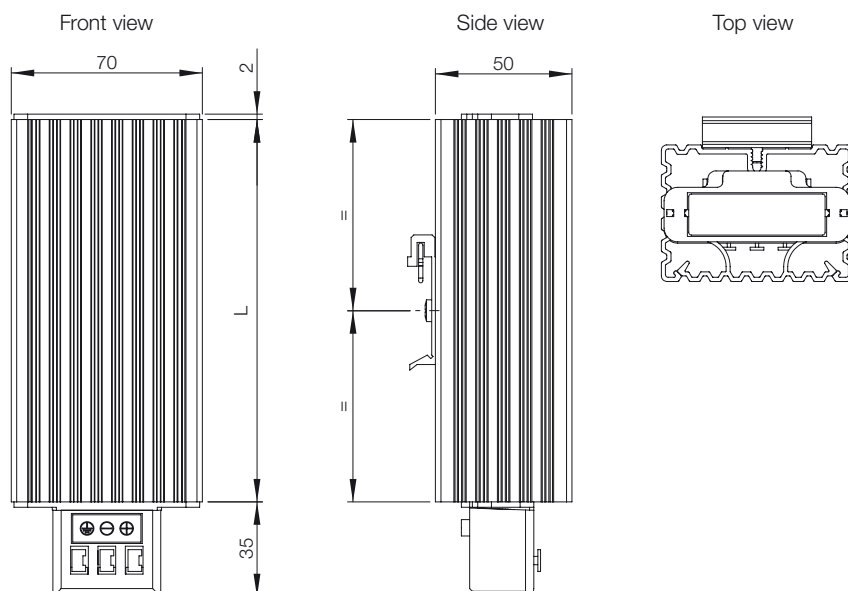


## Anti condensation large heater, EHG

|                               |                                                                                                                               |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | Large heater to be fixed preferably in vertical position to prevent condensation. Mounting clip for 35 mm DIN rail (EN60715). |
| <b>Heating element:</b>       | PTC resistor, self regulating and temperature limiting.                                                                       |
| <b>Material:</b>              | Plastic, and anodised aluminium profile.                                                                                      |
| <b>Operating temperature:</b> | -40 °C to +70 °C. The heating capacity is for ambient temperature 20 °C.                                                      |
| <b>Connection:</b>            | Plug terminal connection ( $2 \times 0.5\text{-}2.5\text{ mm}^2$ ), available on request with connecting cable (500 mm).      |
| <b>Protection:</b>            | IP 20 supplied with terminals. IP 44 on request (supplied with cable).                                                        |
| <b>Approvals:</b>             | CE, EAC, cULus_UL Listed.                                                                                                     |
| <b>Pack quantity:</b>         | 1 piece.                                                                                                                      |



| Capacity (W) | Starting current (A) | L (mm) | Voltage (V)              | Weight (kg) | Item no. |
|--------------|----------------------|--------|--------------------------|-------------|----------|
| 15           | 1.1                  | 65     | 110 - 250 V AC, 50/60 Hz | 0.25        | EHG015   |
| 30           | 1.2                  | 65     | 110 - 250 V AC, 50/60 Hz | 0.25        | EHG030   |
| 45           | 1.8                  | 65     | 110 - 250 V AC, 50/60 Hz | 0.30        | EHG045   |
| 60           | 2.5                  | 140    | 110 - 250 V AC, 50/60 Hz | 0.45        | EHG060   |
| 75           | 4.5                  | 140    | 110 - 250 V AC, 50/60 Hz | 0.55        | EHG075   |
| 100          | 5.0                  | 140    | 110 - 250 V AC, 50/60 Hz | 0.55        | EHG100   |
| 150          | 7.5                  | 215    | 110 - 250 V AC, 50/60 Hz | 0.80        | EHG150   |





# Thermal Management

## Heating & Anticondensation Range

### Accessories

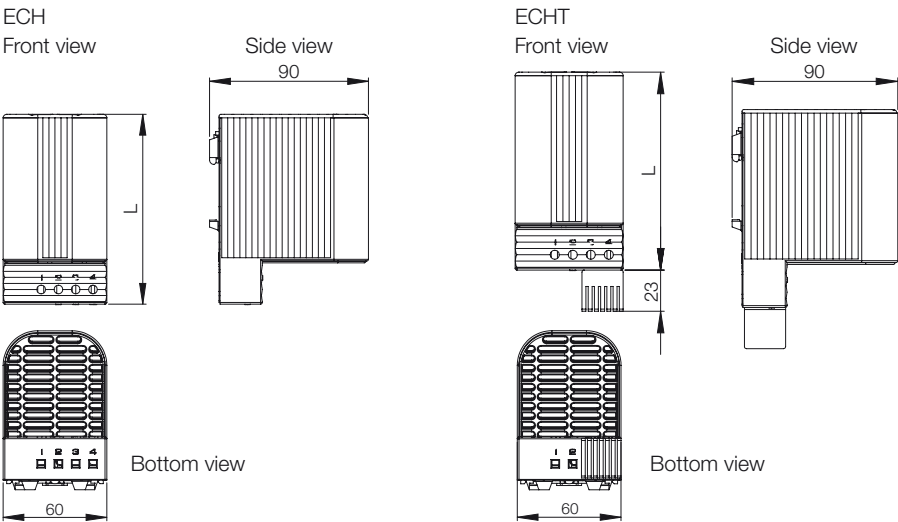
### Compact heater, ECH(T)

|                               |                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | Double insulated vertical heater to prevent condensation. Mounting clip for 35 mm DIN rail (EN60715). Touch-safe heater, the temperatures of the housing are kept under 80 °C except upper protective grille. The heater with thermostat (ECHT) includes a plug-in thermostat therefore it does not require additional wiring, starting temperature of 5 °C, and switch-off temperature of 15 °C. |
| <b>Heating element:</b>       | PTC resistor, temperature limiting.                                                                                                                                                                                                                                                                                                                                                               |
| <b>Material:</b>              | Plastic according to UL94 V-0.                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Operating temperature:</b> | -45 °C to +70 °C. The heating capacity is for ambient temperature 20 °C.                                                                                                                                                                                                                                                                                                                          |
| <b>Connection:</b>            | Pole terminal 2.5 mm², torque 0.8 Nm max.                                                                                                                                                                                                                                                                                                                                                         |
| <b>Protection:</b>            | IP 20, Class II (double insulated).                                                                                                                                                                                                                                                                                                                                                               |
| <b>Approvals:</b>             | CE, EAC.                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Finish:</b>                | Black.                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Pack quantity:</b>         | 1 piece.                                                                                                                                                                                                                                                                                                                                                                                          |



| Heating Capacity (W) | Starting current (A) | L (mm) | Voltage (V)  | Weight (kg) | Item no. |
|----------------------|----------------------|--------|--------------|-------------|----------|
| 50                   | 2.5                  | 110    | 120-240 V AC | 0.35        | ECH50    |
| 100                  | 4.5                  | 110    | 120-240 V AC | 0.35        | ECH100   |
| 150                  | 8.0                  | 150    | 120-240 V AC | 0.50        | ECH150   |
| 50                   | 2.5                  | 110    | 120-240 V AC | 0.35        | ECHT50   |
| 100                  | 4.5                  | 110    | 120-240 V AC | 0.35        | ECHT100  |
| 150                  | 8.0                  | 150    | 120-240 V AC | 0.50        | ECHT150  |

Voltage range: min. 110V - max 265 V. Operating below 140 V AC reduces performance by approx. 10%

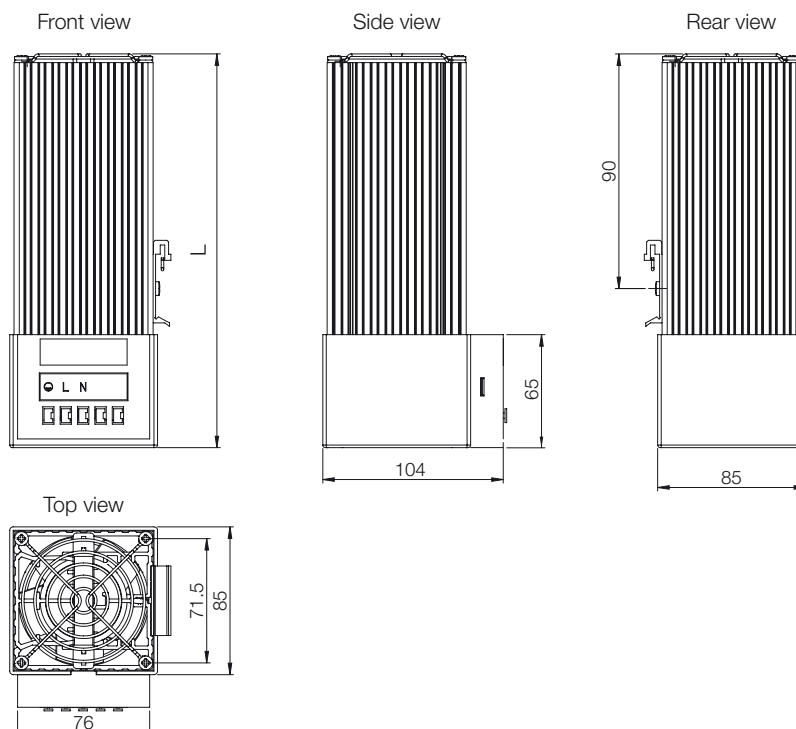


## Fan Heater, EGL

|                               |                                                                                                                                                                                                                                                |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | Heater with fan to be fixed as desired, but preferably in vertical position to prevent condensation. The fan assists the natural convection for fast distribution of the heat in large enclosures. Mounting clip for 35 mm DIN rail (EN60715). |
| <b>Heating element:</b>       | PTC resistor, self regulating and temperature limiting.                                                                                                                                                                                        |
| <b>Fan life:</b>              | 50.000 h at 25 °C.                                                                                                                                                                                                                             |
| <b>Material:</b>              | Plastic, and anodised aluminium profile.                                                                                                                                                                                                       |
| <b>Operating temperature:</b> | -40 °C to +70 °C. The heating capacity is for ambient temperature 20 °C.                                                                                                                                                                       |
| <b>Connection:</b>            | Plug terminal connection (2 x 0.5-2.5 mm²).                                                                                                                                                                                                    |
| <b>Protection:</b>            | IP 20, Class I (earthed).                                                                                                                                                                                                                      |
| <b>Approvals:</b>             | CE, EAC, cULus_UL Listed.                                                                                                                                                                                                                      |
| <b>Pack quantity:</b>         | 1 piece.                                                                                                                                                                                                                                       |



| Capacity (W) | Starting current (A) | L (mm) | Voltage (V)        | Weight (kg) | Item no.    |
|--------------|----------------------|--------|--------------------|-------------|-------------|
| 250          | 2.2                  | 187    | 120 V AC, 50/60 Hz | 1.20        | EGL250UL115 |
| 250          | 1.1                  | 187    | 230 V AC, 50/60 Hz | 1.20        | EGL250UL230 |
| 400          | 3.6                  | 227    | 120 V AC, 50/60 Hz | 1.30        | EGL400UL115 |
| 400          | 1.8                  | 227    | 230 V AC, 50/60 Hz | 1.40        | EGL400UL230 |



# Thermal Management

## Heating & Anticondensation Range

### Accessories

## Fan Heater, EHV

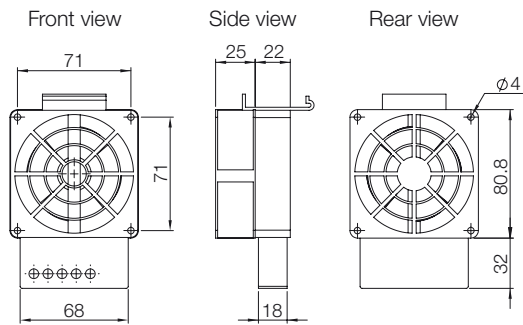
|                               |                                                                                                                                                                                                                                                                                                                |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | High performance space saving fan heater to prevent condensation. The fan assists the natural convection for fast distribution of the heat in large enclosures. Mounting clip for 35 mm DIN rail (EN60715). Temperature safety cut-out to protect against overheating in case of fan failure, automatic reset. |
| <b>Heating element:</b>       | High performance cartridge.                                                                                                                                                                                                                                                                                    |
| <b>Material:</b>              | Plastic according to UL94 V-0, and die-cast aluminium.                                                                                                                                                                                                                                                         |
| <b>Fan life:</b>              | 50.000 h at 25 °C.                                                                                                                                                                                                                                                                                             |
| <b>Operating temperature:</b> | -45 °C to +70 °C.                                                                                                                                                                                                                                                                                              |
| <b>Connection:</b>            | 3-pole screw connector 2.5 mm².                                                                                                                                                                                                                                                                                |
| <b>Protection:</b>            | IP 20, Class I (earthed).                                                                                                                                                                                                                                                                                      |
| <b>Approvals:</b>             | CE, EAC.                                                                                                                                                                                                                                                                                                       |
| <b>Pack quantity:</b>         | 1 piece.                                                                                                                                                                                                                                                                                                       |



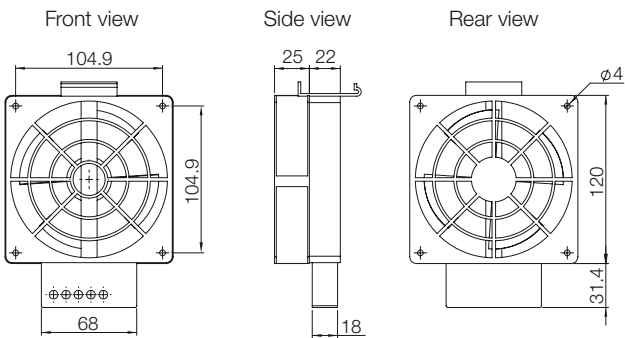
| Capacity (W) | Air flow m³/h | Voltage (V)       | Item no. |
|--------------|---------------|-------------------|----------|
| 100          | 35            | 230 V AC 50/60 HZ | EHV100   |
| 150          | 35            | 230 V AC 50/60 HZ | EHV150   |
| 200          | 108           | 230 V AC 50/60 HZ | EHV200   |
| 300          | 108           | 230 V AC 50/60 HZ | EHV300   |
| 400          | 108           | 230 V AC 50/60 HZ | EHV400   |

Voltage (V): 120 V AC on request.

EHV100 / EHV150



EHV200 / EHV300 / EHV400



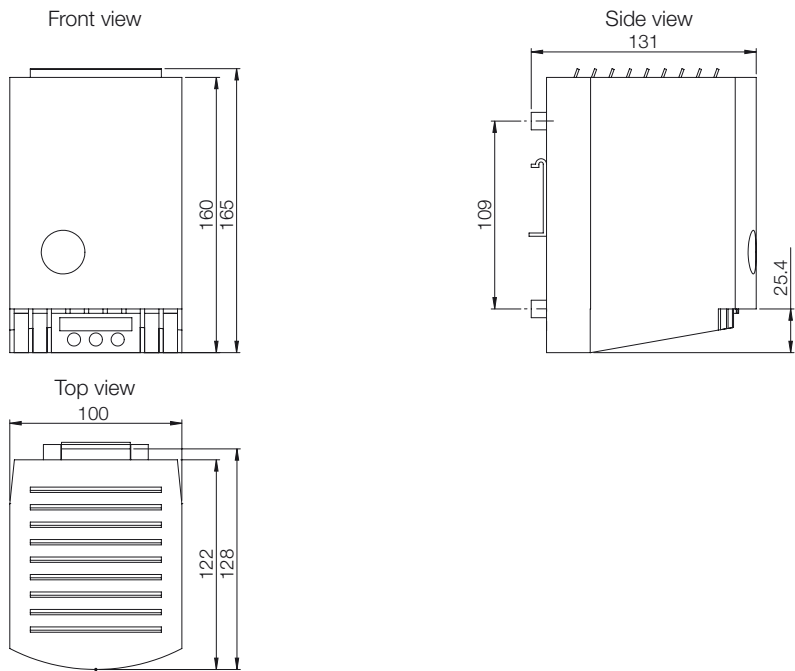
## Fan heater, ECR

|                               |                                                                                                                                                                                                                                                                                                                   |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | High performance heater to prevent condensation. The fan assists the natural convection for a better heat distribution. Double insulated. Mounting clip for 35 mm DIN rail (EN60715). Temperature safety cut-out to protect against overheating in case of fan failure, automatic reset. Thermostat control lamp. |
| <b>Material:</b>              | Plastic according to UL94 V-0.                                                                                                                                                                                                                                                                                    |
| <b>Setting range:</b>         | 0 °C to +60 °C.                                                                                                                                                                                                                                                                                                   |
| <b>Heating element:</b>       | PTC resistor, temperature limiting.                                                                                                                                                                                                                                                                               |
| <b>Fan life:</b>              | 50.000 h at 25 °C.                                                                                                                                                                                                                                                                                                |
| <b>Operating temperature:</b> | -45 °C to +70 °C.                                                                                                                                                                                                                                                                                                 |
| <b>Connection:</b>            | 2 pole clamp 2.5 mm <sup>2</sup> , torque 0.8 Nm max.                                                                                                                                                                                                                                                             |
| <b>Protection:</b>            | IP 20, Class II (double insulated).                                                                                                                                                                                                                                                                               |
| <b>Approvals:</b>             | CE, EAC.                                                                                                                                                                                                                                                                                                          |
| <b>Finish:</b>                | Light grey.                                                                                                                                                                                                                                                                                                       |
| <b>Pack quantity:</b>         | 1 piece.                                                                                                                                                                                                                                                                                                          |



| Capacity (W) | Starting current (A) | Voltage (V)            | Weight (kg) | Item no. |
|--------------|----------------------|------------------------|-------------|----------|
| 550          | 13.0                 | 220-240 V AC, 50/60 Hz | 1.05        | ECR550   |

Voltage (V): 100-120 V AC on request.



# Thermal Management

## Heating & Anticondensation Range

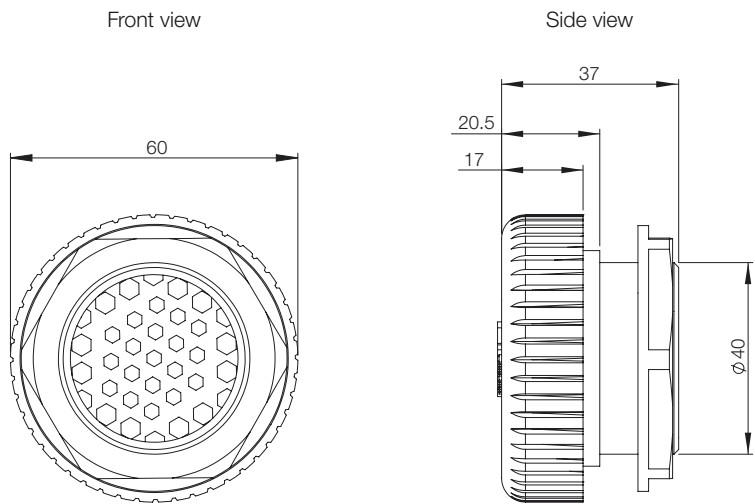
### Accessories

## Pressure compensation, EDA

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | It compensates the pressure with high IP. In the enclosures pressure differentials can occur during extreme temperature variations, when this happens there is risk of dust and humidity inside the enclosure. Even with a slight overpressure, a waterproof membrane inside the plug allows air and humidity to leave the enclosure. In the opposite direction, it only allows dry air into the enclosure. Mounting with thread M40x1.5 with nut, recommended torque of 5 Nm (max. 10 Nm). For optimal pressure compensation we recommend to use two devices on opposite sides towards the top of the enclosure. Air permeability of 1200 l/h at a pressure difference of min. 70 mbar. |
| <b>Material:</b>              | Plastic. Sealing gasket NBR.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Operating temperature:</b> | -35 °C to +70 °C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Machining required:</b>    | Round hole 40.5 mm diameter. Depth in the enclosure of approximately 16 mm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Protection:</b>            | IP 66 / IP X9K.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Approvals:</b>             | CE, UKCA.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Finish:</b>                | Light grey.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Pack quantity:</b>         | 1 piece.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |



| Item no. |
|----------|
| EDA40    |



## Stainless steel pressure compensation plug, EDAS

**Description:**

It compensates the pressure with high IP. In the enclosures pressure differentials can occur during extreme temperature variations, when this happens there is risk of dust and humidity inside the enclosure. Even with a slight overpressure, a waterproof membrane inside the plug allows air and humidity to leave the enclosure. In the opposite direction, it only allows dry air into the enclosure. Mounting with thread M40x1.5 with nut, recommended torque of 5 Nm (max. 10 Nm). For optimal pressure compensation we recommend to use two devices on opposite sides towards the top of the enclosure. Air permeability of 1200 l/h at a pressure difference of min. 70 mbar.

**Material:**

AISI 303 stainless steel. Sealing gasket NBR.

**Operating temperature:**

-45 °C to +80 °C.

**Machining required:**

Round hole 40.5 mm diameter. Depth in the enclosure of approximately 9 mm.

**Protection:**

IP 66 / IP X9K.

**Approvals:**

CE, UKCA.

**Finish:**

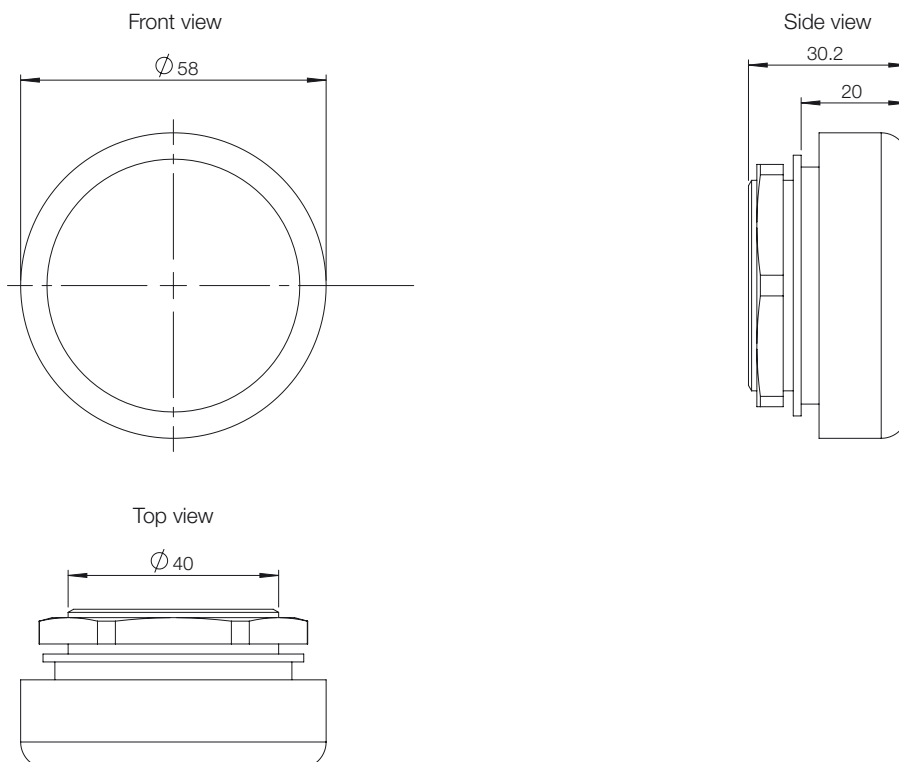
Stainless steel.

**Pack quantity:**

1 piece.


**Item no.**

EDAS40



# Thermal Management

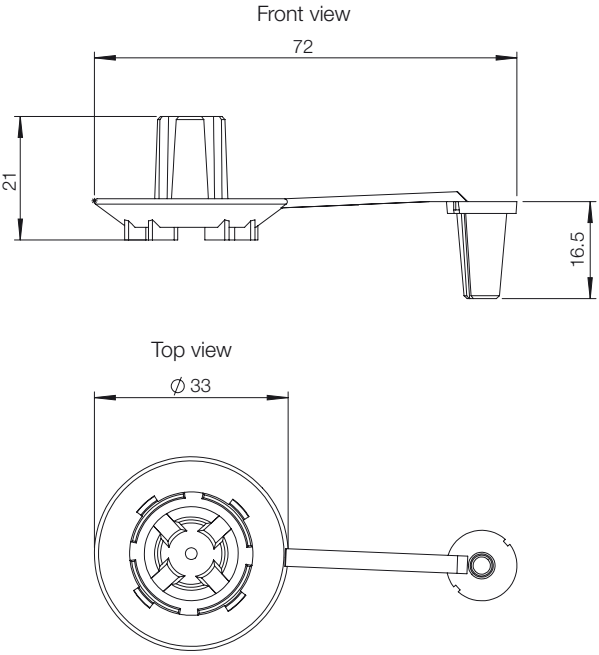
## Heating & Anticondensation Range

### Accessories

#### Drain plug, DWP

- Description:** Drain plug to remove condensation water. Easy to install. Fits material thicknesses up to 4 mm. Protection degree IP 44.
- Material:** Rubber.
- Machining required:** Round hole 11 mm diameter.
- Pack quantity:** 10 pieces.

| Item no. |
|----------|
| DWP02    |





Pressure compensation plug, PVD

- Description:

It gives a controlled change in pressure. In the enclosures pressure differentials can occur during extreme temperature variations, when this happens there is risk of dust and humidity inside the enclosure. Mounting with a PG29 thread with nut, recommended torque of 5 Nm (max. 10 Nm). For optimal pressure compensation we recommend to use two devices on opposite sides towards the top of the enclosure. Sealing gasket NBR. Weather proof and UV light resistant according to UL746(f1). Air interface of approximately of 1.5 cm².
- Material:

Plastic according to UL94 V-0. Sealing gasket NBR.
- Operating temperature:

-45 °C to +70 °C.
- Machining required:

Round hole 37 mm diameter.
- Protection:

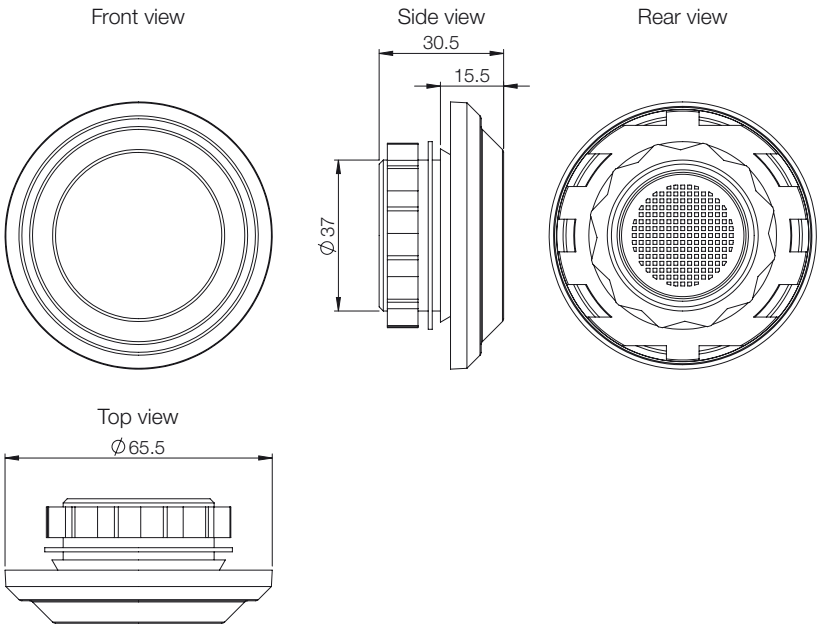
IP 55.
- Finish:

Light grey.
- Pack quantity:

2 pieces.



| Weight (kg) | Item no. |
|-------------|----------|
| 0.10        | PVD02    |



# Thermal Management

## Control Range

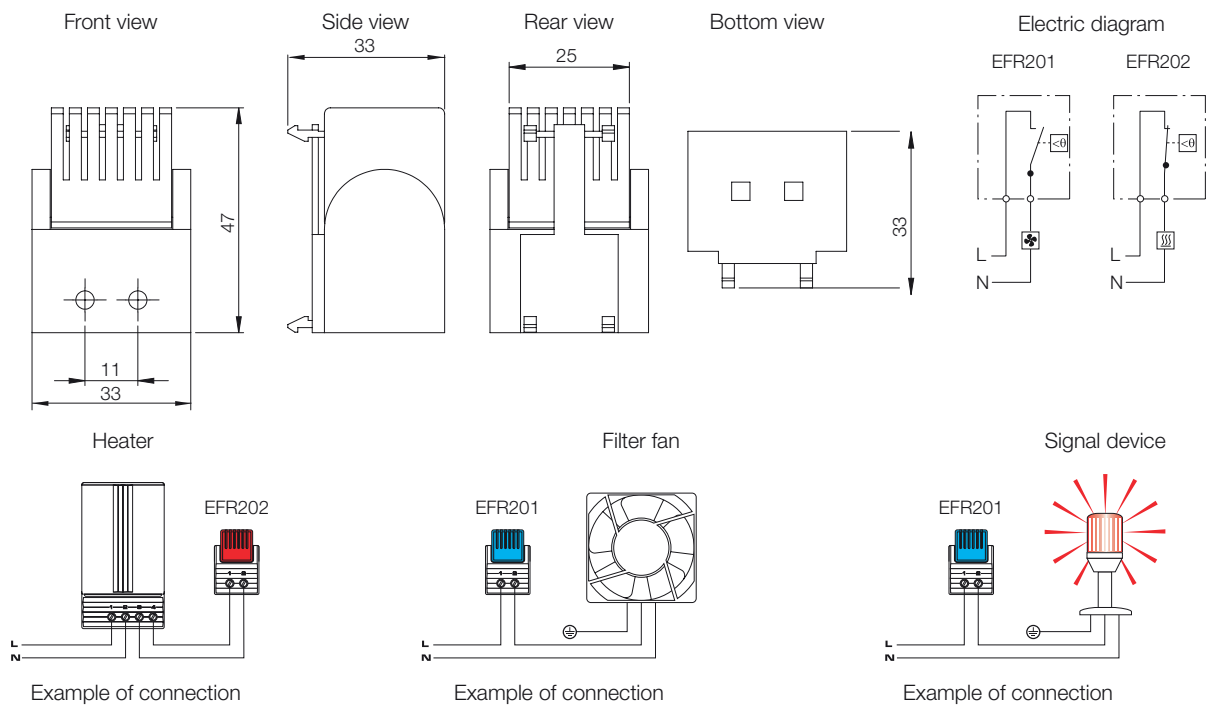
### Accessories

## Fix Thermostat, EFR

|                               |                                                                                                                                                                                                                                                                                                                   |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | Pre-set thermostats to manage temperature in panels. Sensor element thermostatic bimetal. Red one (EFR202) with a normally closed contact for regulating heaters. Blue one (EFR201) with a normally opened contact for regulating cooling devices or signal devices. Mounting clip for 35 mm DIN rail (EN 60715). |
| <b>Material:</b>              | Plastic according to UL94 V-0.                                                                                                                                                                                                                                                                                    |
| <b>Switch capacity:</b>       | 250V AC, 5 (1.6) A. 120 V AC, 10 (2) A. 24 V DC, 30 W. Value in brackets for inductive load. Max. starting current of 16 A (AC) for 10 seconds.                                                                                                                                                                   |
| <b>Operating temperature:</b> | -40 °C to +80 °C.                                                                                                                                                                                                                                                                                                 |
| <b>Service life:</b>          | > 100,000 cycles.                                                                                                                                                                                                                                                                                                 |
| <b>Connection:</b>            | 2 pole terminal for 2.5 mm², torque 0.8 Nm max.                                                                                                                                                                                                                                                                   |
| <b>Protection:</b>            | IP 20.                                                                                                                                                                                                                                                                                                            |
| <b>Approvals:</b>             | CE, EAC, cULus_UL Listed.                                                                                                                                                                                                                                                                                         |
| <b>Finish:</b>                | Light grey.                                                                                                                                                                                                                                                                                                       |
| <b>Pack quantity:</b>         | 1 piece.                                                                                                                                                                                                                                                                                                          |

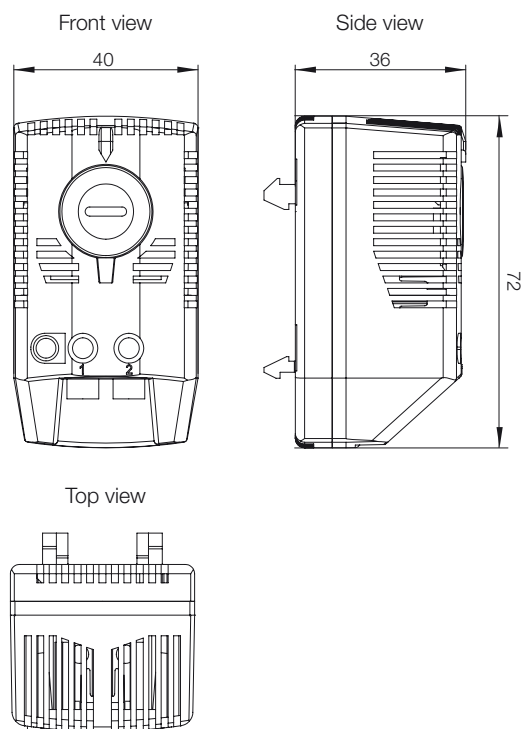


| Description             | Switch on temperature (°C) | Switch off temperature (°C) | Item no. |
|-------------------------|----------------------------|-----------------------------|----------|
| Normally opened contact | +35                        | +25                         | EFR201   |
| Normally closed contact | +5                         | +15                         | EFR202   |

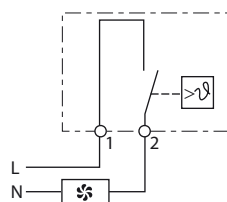


## Thermostat, ETR

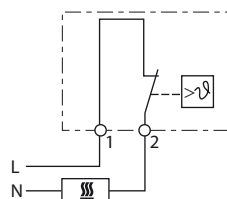
|                               |                                                                                                                                                                                                                                                                                                       |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | Thermostat with NC/NO contacts to manage temperature in panels. ETR202 with a normally closed contact for regulating heaters. ETR201 with a normally open contact for regulating cooling devices or signal devices. Sensor element thermostatic bimetal. Mounting clip for 35 mm DIN rail (EN 60715). |
| <b>Material:</b>              | Plastic according to UL94 V-0.                                                                                                                                                                                                                                                                        |
| <b>Setting range:</b>         | 0 °C to +60 °C. Switching temperature difference less than 7 °K, and switching point tolerance $\pm 4$ °K.                                                                                                                                                                                            |
| <b>Switch capacity:</b>       | 240 V AC, 10(2) A. 120 V AC, 15(2) A. 24 V DC, 30 W. Value in brackets for inductive load.                                                                                                                                                                                                            |
| <b>Operating temperature:</b> | -20 °C to +80 °C.                                                                                                                                                                                                                                                                                     |
| <b>Service life:</b>          | > 100,000 cycles.                                                                                                                                                                                                                                                                                     |
| <b>Connection:</b>            | Screw terminal for cable (0.5 to 2.5 mm <sup>2</sup> ).                                                                                                                                                                                                                                               |
| <b>Protection:</b>            | IP 20.                                                                                                                                                                                                                                                                                                |
| <b>Approvals:</b>             | CE, UKCA, EAC, cULus_UL Listed.                                                                                                                                                                                                                                                                       |
| <b>Finish:</b>                | RAL 7035.                                                                                                                                                                                                                                                                                             |
| <b>Pack quantity:</b>         | 1 piece.                                                                                                                                                                                                                                                                                              |



ETR 201 Electric diagram



ETR 202 Electric diagram



# Thermal Management

## Heating & Anticondensation Range

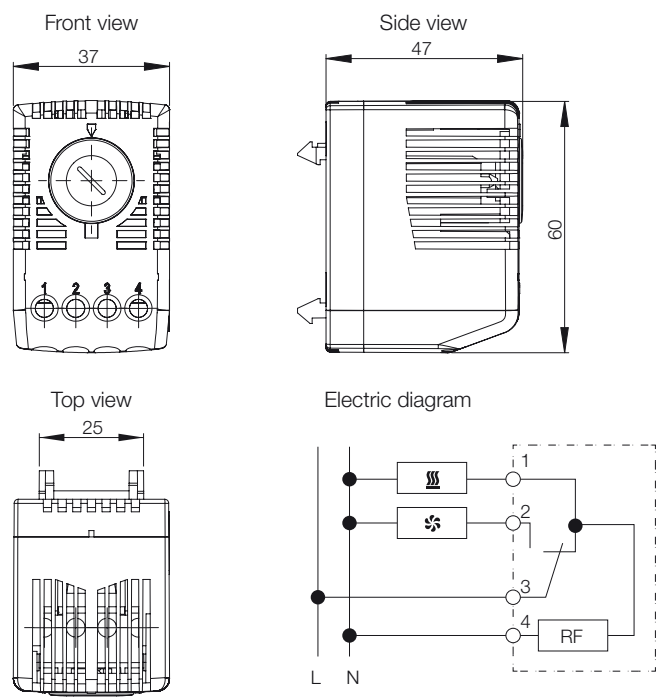
### Accessories

## Thermostat, ETR200

|                               |                                                                                                                                                                       |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | Thermostat with changeover contact to manage any kind of device, heater or cooling. Sensor element thermostatic bimetal. Mounting clip for 35 mm DIN rail (EN 60715). |
| <b>Material:</b>              | Plastic according to UL94 V-0.                                                                                                                                        |
| <b>Setting range:</b>         | 0 °C to +60 °C. Switching temperature difference less than 3 °K, and switching point tolerance ±3 °K.                                                                 |
| <b>Switch capacity:</b>       | NC contact, 100-250 V AC, 10(2) A. NO contact, 100-250 V AC, 5(2) A, for 230 V AC operation only. 24 V DC, 30 W. Value in brackets for inductive load.                |
| <b>Operating temperature:</b> | -40 °C to +80 °C.                                                                                                                                                     |
| <b>Service life:</b>          | > 100,000 cycles.                                                                                                                                                     |
| <b>Connection:</b>            | Screw terminal for cable (0.5 to 2.5 mm²).                                                                                                                            |
| <b>Protection:</b>            | IP 20.                                                                                                                                                                |
| <b>Approvals:</b>             | CE, EAC, cULus_UL Listed.                                                                                                                                             |
| <b>Finish:</b>                | RAL 7035.                                                                                                                                                             |
| <b>Pack quantity:</b>         | 1 piece.                                                                                                                                                              |



| Item no. |
|----------|
| ETR200   |



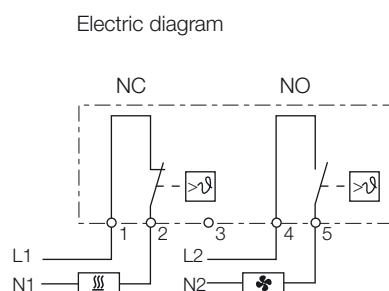
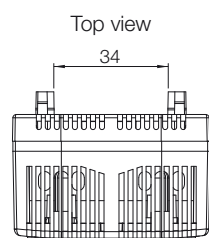
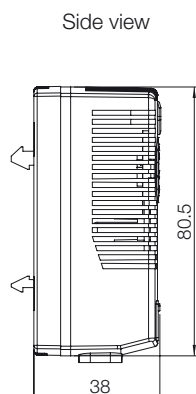
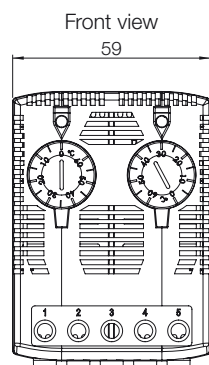
## Dual Thermostat, ETR203

|                               |                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | Device with two independent thermostats, unlike thermostats with changeover contacts, connected devices can be switched in different temperature ranges. One thermostat with a normally closed contact for regulating heaters, and one with a normally opened contact for regulating cooling devices or signal devices. Sensor element thermostatic bimetal. Mounting clip for 35 mm DIN rail (EN 60715). |
| <b>Material:</b>              | Plastic according to UL94 V-0.                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Setting range:</b>         | 0 °C to +60 °C. Switching temperature difference less than 7 °K, and switching point tolerance $\pm 4$ °K.                                                                                                                                                                                                                                                                                                |
| <b>Switch capacity:</b>       | 240 V AC, 10(2) A. 120 V AC, 15(2) A. 24 V DC, 30 W. Value in brackets for inductive load.                                                                                                                                                                                                                                                                                                                |
| <b>Operating temperature:</b> | -40 °C to +80 °C.                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Service life:</b>          | > 100,000 cycles.                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Connection:</b>            | Screw terminal for cable (0.5 to 2.5 mm <sup>2</sup> ).                                                                                                                                                                                                                                                                                                                                                   |
| <b>Protection:</b>            | IP 20.                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Approvals:</b>             | CE, EAC, cULus_UL Listed.                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Finish:</b>                | RAL 7035.                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Pack quantity:</b>         | 1 piece.                                                                                                                                                                                                                                                                                                                                                                                                  |



### Item no.

ETR203



# Thermal Management

## Heating & Anticondensation Range

### Accessories

## Hygrostat, ETF200

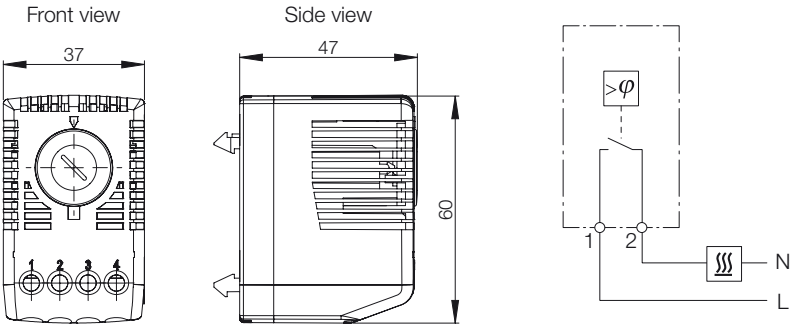
|                               |                                                                                                                                                                                                                                                                           |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | Mechanical hygrostat designed to control heaters when the pre-set or fixed relative humidity is exceeded. The relative humidity must be kept above the dew point to prevent condensation and corrosion inside the enclosure. Mounting clip for 35 mm DIN rail (EN 60715). |
| <b>Material:</b>              | Plastic according to UL94 V-0                                                                                                                                                                                                                                             |
| <b>Switch capacity:</b>       | 250 V AC, 5 A. DC, 20 W, (30 W ETF2000).                                                                                                                                                                                                                                  |
| <b>Operating temperature:</b> | 0 °C to +60 °C.                                                                                                                                                                                                                                                           |
| <b>Service life:</b>          | > 50,000 cycles.                                                                                                                                                                                                                                                          |
| <b>Connection:</b>            | 2 pole terminal for 2.5 mm².                                                                                                                                                                                                                                              |
| <b>Protection:</b>            | IP 20.                                                                                                                                                                                                                                                                    |
| <b>Approvals:</b>             | CE, UKCA, EAC, cULus_UL Listed.                                                                                                                                                                                                                                           |
| <b>Finish:</b>                | RAL 7035.                                                                                                                                                                                                                                                                 |
| <b>Pack quantity:</b>         | 1 piece.                                                                                                                                                                                                                                                                  |



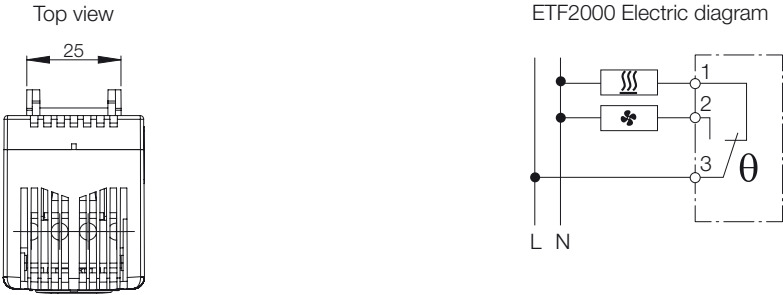
| Description          | Weight (kg) | Setting range | Item no. |
|----------------------|-------------|---------------|----------|
| Pre-set hygrostat    | 0.05        | 65%           | ETF200   |
| Adjustable hygrostat | 0.05        | 40% to 90%    | ETF2000  |

ETF200 / ETF2000

ETF200 Electric diagram

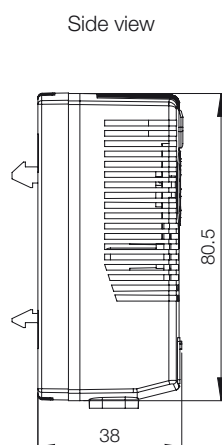
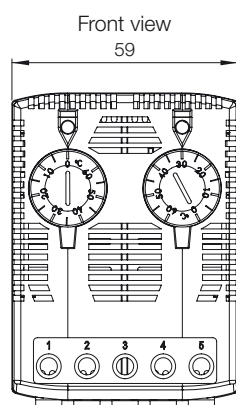


ETF2000 Electric diagram

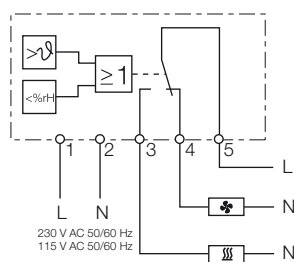


## Electronic thermostat / hygrostat, ETF300

|                               |                                                                                                                                                                                                                                                                 |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | Electronic hygrostat-thermostat monitors the relative humidity and the temperature independently of each other, and it manages heaters and filter fans to prevent condensation and corrosion inside the enclosure. Mounting clip for 35 mm DIN rail (EN 60715). |
| <b>Setting range:</b>         | 0 °C to +60 °C, and 40 to 90% R.H.                                                                                                                                                                                                                              |
| <b>Material:</b>              | Plastic according to UL94 V-0.                                                                                                                                                                                                                                  |
| <b>Switch capacity:</b>       | 240 V AC, 8(3) A. 120 V AC, 8(3) A. 24 V DC, 4 A. Value in brackets for inductive load.                                                                                                                                                                         |
| <b>Operating temperature:</b> | -20 °C to +60 °C.                                                                                                                                                                                                                                               |
| <b>Service life:</b>          | 50,000 cycles.                                                                                                                                                                                                                                                  |
| <b>Connection:</b>            | Pole terminal for 2.5 mm <sup>2</sup> .                                                                                                                                                                                                                         |
| <b>Protection:</b>            | IP 20.                                                                                                                                                                                                                                                          |
| <b>Approvals:</b>             | CE, UKCA, EAC, cULus_UL Listed.                                                                                                                                                                                                                                 |
| <b>Finish:</b>                | RAL 7035.                                                                                                                                                                                                                                                       |
| <b>Pack quantity:</b>         | 1 piece.                                                                                                                                                                                                                                                        |



Electric diagram





# Thermal Management

## Hazardous Location Heating

### Accessories

## Hazardous location heaters, DAHHL

|                               |                                                                                                                                                                                                                                                                                                           |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | 50 W and 80 W models can be mounted directly to manifolds, measuring or analysing instruments, control valves, and similar equipment. 200 W, 300 W, 400 W, 600 W models are finned heaters that heat the area by transferring the heat from the heater to surrounding air, creating a convection current. |
| <b>Material:</b>              | Black anodized aluminium.                                                                                                                                                                                                                                                                                 |
| <b>Heating element:</b>       | Conductive and convective heating types available.                                                                                                                                                                                                                                                        |
| <b>Operating temperature:</b> | Provides freeze protection down to -60 °C (-76 °F). Maximum temperature 150 °C (302 °F).                                                                                                                                                                                                                  |
| <b>Approvals:</b>             | ATEX, IECEx; II2G Ex d IIC T3 / II2 D Ex Td A21 IP 65 T200 °C; NEC CSA us; Class I, Div 1 Groups A, B, C, D / Class II Div 1 Groups E, F, G                                                                                                                                                               |
| <b>Pack quantity:</b>         | 1 piece.                                                                                                                                                                                                                                                                                                  |
| <b>Note:</b>                  | A thermostat, range HLTSTAT, is required for 400 W and 600 W models. It is sold separately as an accessory.                                                                                                                                                                                               |



| Heating Power (W) | H   | W   | D  | Weight (kg) | Heating type | Power regulation | Temperature classification | Rated voltage (VAC/VDC) | Item no.   |
|-------------------|-----|-----|----|-------------|--------------|------------------|----------------------------|-------------------------|------------|
| 50                | 190 | 40  | 30 | 0,5         | Conduction   | Self limiting    | T4                         | 110/265                 | DAHHL501AC |
| 80                | 190 | 40  | 30 | 0,5         | Conduction   | Self limiting    | T3                         | 110/265                 | DAHHL801AC |
| 200               | 225 | 229 | 60 | 3,95        | Convection   | Self limiting    | T3                         | 110/265                 | DAHHL200AC |
| 300               | 325 | 229 | 60 | 5,65        | Convection   | Self limiting    | T3                         | 110/265                 | DAHHL300AC |
| 400               | 225 | 229 | 60 | 3,95        | Convection   | Constant power   | T3                         | 108/132                 | DAHHL4001A |
| 400               | 225 | 229 | 60 | 3,95        | Convection   | Constant power   | T3                         | 207/253                 | DAHHL4002A |
| 600               | 325 | 229 | 60 | 5,65        | Convection   | Constant power   | T3                         | 108/132                 | DAHHL6001A |
| 600               | 325 | 229 | 60 | 5,65        | Convection   | Constant power   | T3                         | 207/253                 | DAHHL6002A |

## Hazardous location heaters, HLHEAT

|                         |                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>     | Large convection surface. DIN clip for mounting. Maintenance-free. Surface temperature T4 135 °C when mounted vertically.             |
| <b>Material:</b>        | Extruded aluminium heat sink. Black anodized.                                                                                         |
| <b>Heating element:</b> | High-performance heating cartridge (element).                                                                                         |
| <b>Connection:</b>      | Connection cable: Si HF-JZ 3 x AWG 18 x 3.3 ft (0.75 mm² x 1 m).                                                                      |
| <b>Protection:</b>      | IP 65                                                                                                                                 |
| <b>Approvals:</b>       | Conformity Certificate LCIE (Laboratoire Central des Industries Electriques) ; LCIE 01 ATEX 6073; EEx d IIC T4/II 2 GD, IP 6x T135 °C |
| <b>Pack quantity:</b>   | 1 piece.                                                                                                                              |



| Heating Power (W) | H   | W   | D  | Heating type | Temperature classification | Rated voltage (VAC) | Item no.  |
|-------------------|-----|-----|----|--------------|----------------------------|---------------------|-----------|
| 100               | 180 | 118 | 69 | Convection   | T4 135 °C                  | 110-120             | HLHEAT100 |

## Hazardous location thermostats, HLTSTAT

|                               |                                                                                                                                                    |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | The thermostat closes the circuit when the temperature is below the setpoint and opens it when the temperature is above the setpoint.              |
| <b>Material:</b>              | Seawater-proof aluminium, black anodized.                                                                                                          |
| <b>Operating temperature:</b> | -60 to +60 °C. Maximum permissible operating temperature range at normal rating: -60 to +150 °C.                                                   |
| <b>Connection:</b>            | 1 m long silicone cable, notch and oil resistant, 3x AWG16; Ø 9.4 mm.                                                                              |
| <b>Protection:</b>            | IP 66 / IP 68 (1 bar/30min).                                                                                                                       |
| <b>Approvals:</b>             | PTB 03 ATEX 1136 X; II 2 G Ex db IIC T6; II 2 D Ex tb IIIC T80 °C; IECEx PTB 07.0054X; CSA 1655545 (LR43674); Cl. I, Grp. ABCD T6; Cl. II Grp. EFG |
| <b>Pack quantity:</b>         | 1 piece.                                                                                                                                           |



| Switch On/Off        | H  | W  | D  | Weight (kg) | Temperature classification | Rated voltage (VAC/VDC) | Max Current (A) | Item no.   |
|----------------------|----|----|----|-------------|----------------------------|-------------------------|-----------------|------------|
| TON 20 °C/TOFF 28 °C | 89 | 41 | 30 | 28          | T6                         | 0-275 V                 | 10              | HLTSTAT20C |
| TON 10 °C/TOFF 18 °C | 89 | 41 | 30 | 28          | T6                         | 0-275 V                 | 10              | HLTSTAT10C |

## Hazardous location thermostats, HLTHERMNC

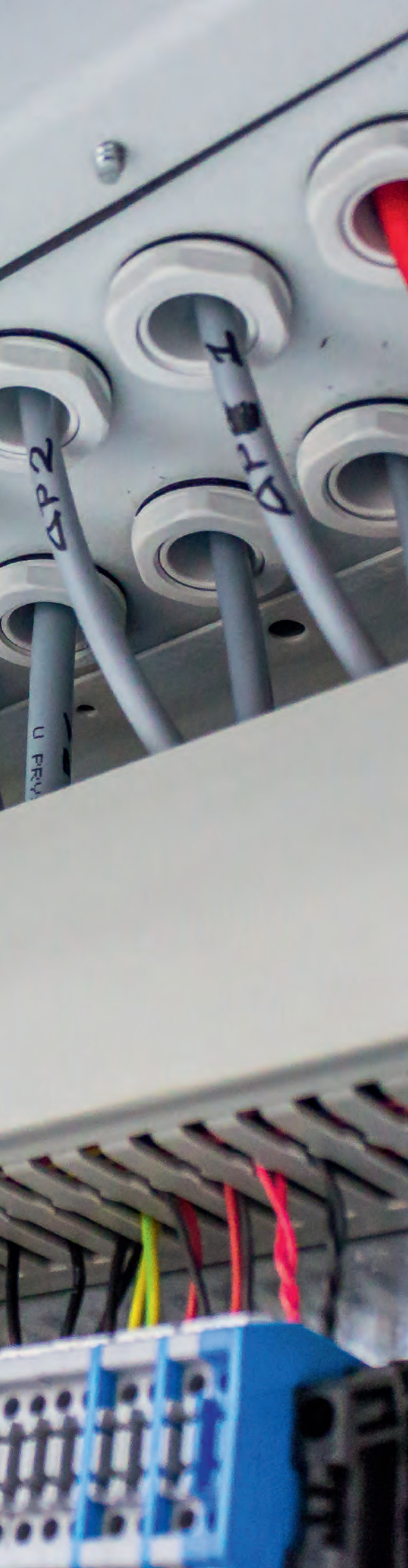
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>     | The thermostat closes the circuit when the temperature is below the setpoint and opens it when the temperature is above the setpoint. Thermostatic bimetallic sensor element. One-pole contact opens with rising temperature. Compact design. High switching capacity. Small hysteresis (switching difference). Long service life (greater than 100,000 cycles). Set temperature. Mounting bracket and DIN clip for mounting. |
| <b>Material:</b>        | Black anodized aluminium.                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Switch capacity:</b> | at 250VAC: 4A resistive; 1A ind. (cos f = 0.6).                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Connection:</b>      | Si HF - JZ 3 x AWG 18 x 3.3 ft (0.75 mm² x 1 m).                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Protection:</b>      | IP 65.                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Approvals:</b>       | Conformity Certificate LCIE (Laboratoire Central des Industries Electriques) ; LCIE 01 ATEX 6074 ; EEx d IIC T6/II 2 GD, IP 6x T85 °C.                                                                                                                                                                                                                                                                                        |
| <b>Pack quantity:</b>   | 1 piece.                                                                                                                                                                                                                                                                                                                                                                                                                      |



| Switch On/Off       | Temperature classification | Rated voltage (VAC/VDC) | Item no.  |
|---------------------|----------------------------|-------------------------|-----------|
| TON 4 °C/TOFF 25 °C | 85 °C                      | 250/100                 | HLTHERMNC |







# 06

## Cable Management

### Cable Glands

|                                          |     |
|------------------------------------------|-----|
| Plastic cable glands, CPG.....           | 578 |
| Simple protection cables entry, CES..... | 579 |
| Double protection cables entry, CED..... | 580 |
| Cable anchorage glands, CAG.....         | 581 |

### Cable Entry Gland Plates

|                                             |     |
|---------------------------------------------|-----|
| Cable entry gland plate, CEP.....           | 582 |
| Round cable entry gland plate, CEPR.....    | 583 |
| Connected cable entry gland plate, CCF..... | 584 |
| Cable entry grommet, CCG.....               | 585 |
| Plastic cable plates, EHTC.....             | 586 |

# Cable Management

## Cable glands

### Plastic cable glands, CPG

|                                |                                                                                                                                                                          |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>            | Traditional cable fittings. Known for excellent strain relief even while providing a high protection class. Plastic lock nuts for fixation are included in the delivery. |
| <b>Material:</b>               | Fitting body made of polyamide PA6, and sealing made of neoprene.                                                                                                        |
| <b>Temperature resistance:</b> | -20°C to +100°C.                                                                                                                                                         |
| <b>Flammability:</b>           | V-2 according to UL94.                                                                                                                                                   |
| <b>Finish:</b>                 | RAL 7035.                                                                                                                                                                |
| <b>Protection:</b>             | IP 66                                                                                                                                                                    |

| Thread    | Cable Size | Pack quantity | Item no. |
|-----------|------------|---------------|----------|
| M12 x 1.5 | 3 - 6.5    | 100           | CPG12    |
| M16 x 1.5 | 5 - 10     | 50            | CPG16    |
| M20 x 1.5 | 6 - 12     | 50            | CPG20    |
| M25 x 1.5 | 13 - 18    | 50            | CPG25    |
| M32 x 1.5 | 18 - 25    | 20            | CPG32    |
| M40 x 1.5 | 22 - 32    | 10            | CPG40    |
| M50 x 1.5 | 30 - 38    | 5             | CPG50    |
| M63 x 1.5 | 34 - 44    | 5             | CPG63    |



## Simple protection cables entry, CES

### Description:

Simple grommet manufactured in a rubber-like material. The installation does not require tools. The "pushout" membrane is a permanent seal until it is penetrated by a cable or pipe. It is equipped with a sock that closes tight around the cable and allows for it to be moved around like a "joy-stick" in the opening without endangering the IP, so it works extremely well with cables passing through at an angle. Suitable for holes in materials of 0.5 to 4.5 mm thickness.

### Material:

TPE (thermoplastic elastomer), halogen free.

### Temperature resistance:

-50 °C to +125 °C.

### Finish:

RAL 7035.

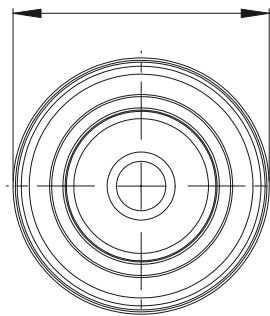
### Protection:

IP 67.

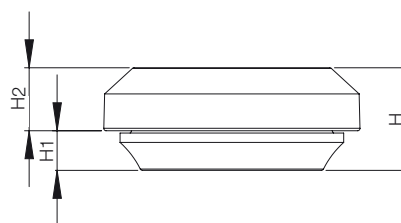


| H    | H1  | H2   | Metric | Diameter | Cable diameter (mm) | Hole diameter (mm) | Pack quantity | Item no. |
|------|-----|------|--------|----------|---------------------|--------------------|---------------|----------|
| 11.0 | 4.0 | 6.75 | M16    | 23.5     | 5-10                | 16.5               | 50            | CES16    |
| 11.0 | 4.0 | 6.75 | M20    | 27.5     | 6-13                | 20.5               | 50            | CES20    |
| 11.0 | 4.0 | 6.75 | M25    | 39.5     | 8-17                | 25.5               | 50            | CES25    |
| 11.0 | 4.0 | 6.75 | M32    | 39.5     | 12-24               | 32.5               | 25            | CES32    |

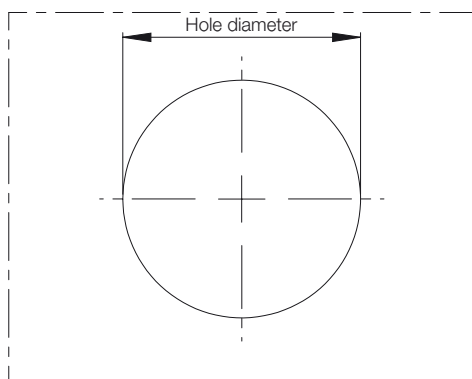
Front view  
Diameter



Side view



Cut-out



# Cable Management

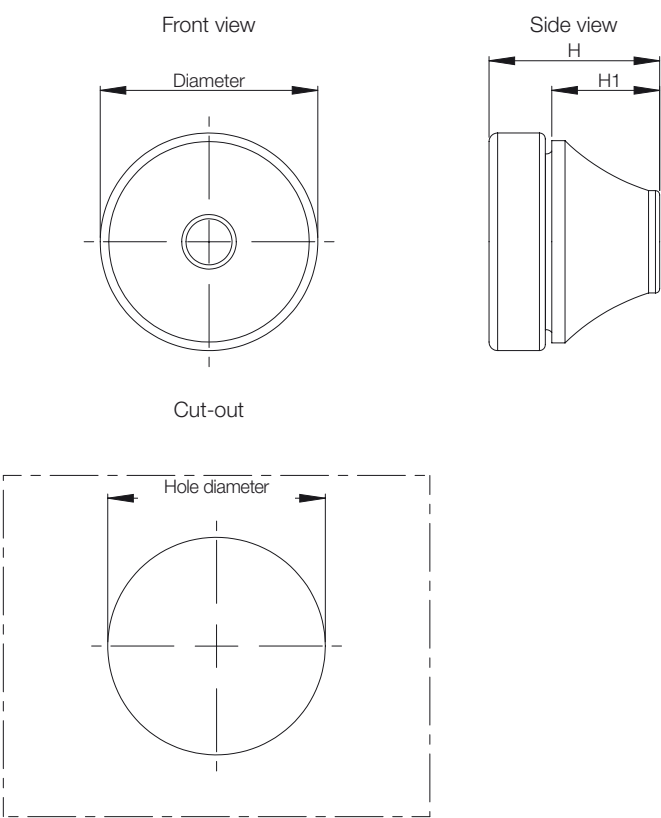
## Cable glands

### Double protection cables entry, CED

|                                |                                                                                                                                                                                                                                                                         |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>            | The rubber grommet is very simple to use. The installation does not require tools, which in turn means lower work cost. The "pushout" membrane is a permanent seal until it is penetrated by a cable or pipe. Suitable for holes in materials of 0.5 to 4 mm thickness. |
| <b>Material:</b>               | EPDM, halogen free.                                                                                                                                                                                                                                                     |
| <b>Temperature resistance:</b> | -40 °C to +110 °C.                                                                                                                                                                                                                                                      |
| <b>Finish:</b>                 | RAL 7035.                                                                                                                                                                                                                                                               |
| <b>Protection:</b>             | IP 67.                                                                                                                                                                                                                                                                  |



| H    | H1   | Metric | Diameter | Cable diameter (mm) | Hole diameter (mm) | Pack quantity | Item no. |
|------|------|--------|----------|---------------------|--------------------|---------------|----------|
| 12.8 | 5.6  | M12    | 20.0     | 4-7                 | 12.5               | 50            | CED12    |
| 17.7 | 11.0 | M16    | 21.0     | 5-9                 | 16.5               | 50            | CED16    |
| 20.0 | 13.4 | M20    | 25.5     | 8-13                | 20.5               | 50            | CED20    |
| 21.3 | 15.3 | M25    | 30.5     | 11-17               | 25.5               | 50            | CED25    |
| 24.6 | 18.6 | M32    | 38.5     | 15-20               | 32.5               | 25            | CED32    |
| 29.5 | 21.7 | M40    | 48.5     | 19-28               | 40.5               | 25            | CED40    |
| 34.8 | 25.0 | M50    | 60.5     | 27-35               | 50.5               | 10            | CED50    |





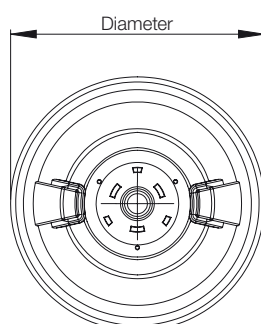
## Cable anchorage glands, CAG

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>            | Two-component grommet with membrane seal and cable anchorage. The installation does not require tools, it is self-adjusting to its surrounding wall thickness and click-fixed in place. Because of its compact design it only extends 5.7 mm outside the enclosure on which it is mounted. The "pushout" membrane is a permanent seal until it is penetrated by a cable or pipe. Suitable for holes in materials of 0.7 to 3 mm thickness. |
| <b>Material:</b>               | TPE and polyamide 66, halogen free.                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Temperature resistance:</b> | -20 °C to +125 °C.                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Finish:</b>                 | RAL 7035.                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Protection:</b>             | IP 67, 65, waterproof.                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Pack quantity:</b>          | 50 pieces.                                                                                                                                                                                                                                                                                                                                                                                                                                 |

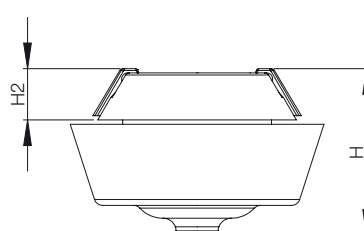


| H     | H2  | Metric | Diameter | Cable diameter (mm) | Hole diameter (mm) | Item no. |
|-------|-----|--------|----------|---------------------|--------------------|----------|
| 17-20 | 5.7 | M20    | 34-37    | 7-11                | 20.5               | CAG20    |
| 17-20 | 5.7 | M25    | 39-42    | 7-13                | 25.5               | CAG25    |

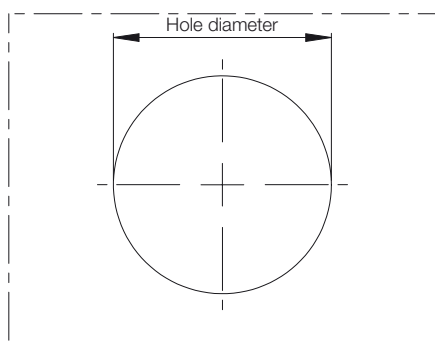
Front view



Side view



Cut-out



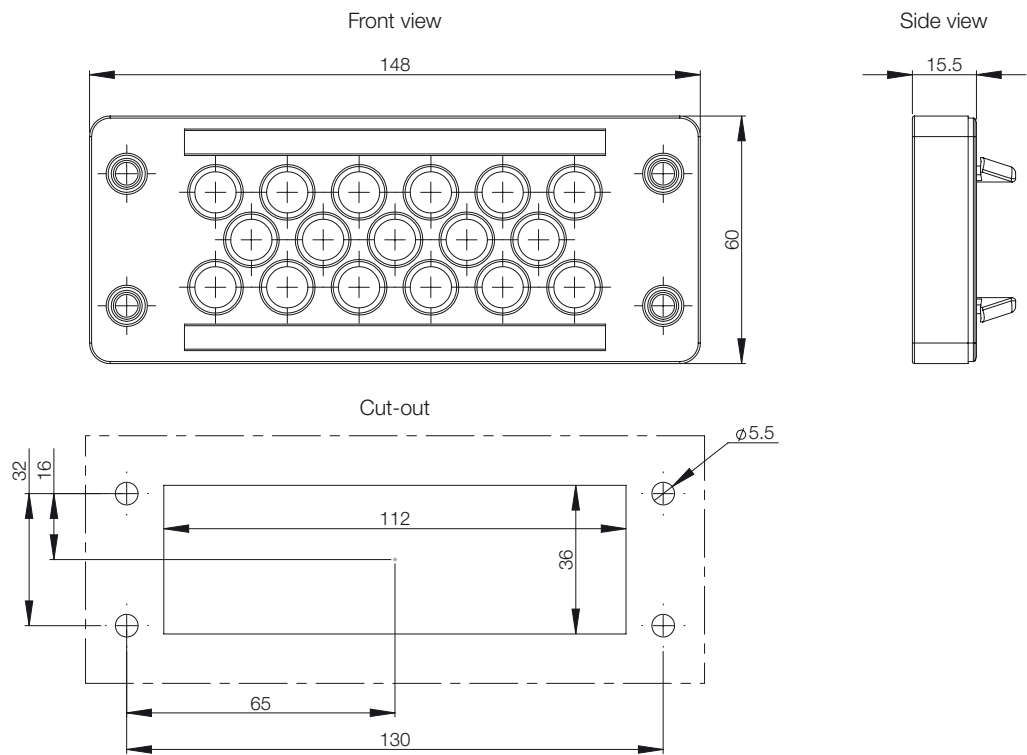
# Cable Management

## Cable Entry Gland Plates

### Cable entry gland plate, CEP

|                                |                                                                                                                                                                                                                                                                            |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>            | Plastic cable entry for a fast, economical and tool-free incoming of cables and/or pneumatic conduits inside the enclosure. Integrated seal. For snap-in fastening (only for wall thicknesses ranging between 1.4 and 2 mm) and/or screwing. Installation height: 15.5 mm. |
| <b>Material:</b>               | Polyamide, and the seal is made of TPU/NBR/EPDM, halogen free.                                                                                                                                                                                                             |
| <b>Temperature resistance:</b> | -30°C to +70°C.                                                                                                                                                                                                                                                            |
| <b>Flammability:</b>           | V-0 according to UL94.                                                                                                                                                                                                                                                     |
| <b>Finish:</b>                 | Black.                                                                                                                                                                                                                                                                     |
| <b>Protection:</b>             | IP 65.                                                                                                                                                                                                                                                                     |
| <b>Pack quantity:</b>          | 1 piece.                                                                                                                                                                                                                                                                   |

| Openings (mm) |     |     |      |        |       | Item no. |
|---------------|-----|-----|------|--------|-------|----------|
| 3-6           | 4-8 | 5-9 | 8-12 | 9.5-16 | 14-20 |          |
| 4             | -   | 4   | -    | -      | 3     | CEP2411  |
| -             | -   | -   | 12   | -      | -     | CEP2412  |
| 6             | -   | 4   | -    | 4      | -     | CEP2414  |
| -             | -   | 17  | -    | -      | -     | CEP2417  |
| 16            | -   | 4   | 2    | -      | -     | CEP2422  |
| -             | 23  | -   | -    | -      | -     | CEP2423  |
| 29            | -   | -   | -    | -      | -     | CEP2429  |



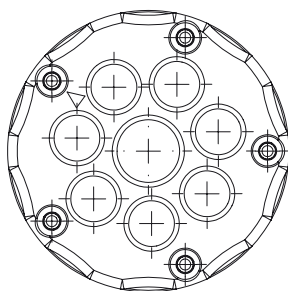
## Round cable entry gland plate, CEPR

|                                |                                                                                                                                                                                                                                                                                        |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>            | Round plastic cable entry for a fast, economical and tool-free incoming of cables and/or pneumatic conduits inside the enclosure. Integrated seal. For snap-in mounting. Snap-in system works at wall thicknesses of 1.4 to 2 mm. Installation height: 9 mm outside, and 24-25 inside. |
| <b>Material:</b>               | Polyamide, and the seal is made of NBR/EPDM, halogen free.                                                                                                                                                                                                                             |
| <b>Temperature resistance:</b> | -30°C to +90°C.                                                                                                                                                                                                                                                                        |
| <b>Flammability:</b>           | V-0 according to UL94.                                                                                                                                                                                                                                                                 |
| <b>Finish:</b>                 | Black.                                                                                                                                                                                                                                                                                 |
| <b>Protection:</b>             | IP 65.                                                                                                                                                                                                                                                                                 |
| <b>Pack quantity:</b>          | 1 piece.                                                                                                                                                                                                                                                                               |

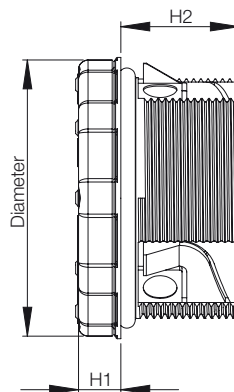


|    |    |          |                    | Openings (mm) |         |      | Item no. |
|----|----|----------|--------------------|---------------|---------|------|----------|
| H1 | H2 | Diameter | Hole diameter (mm) | 3-5           | 3 - 6,5 | 6-10 |          |
| 9  | 24 | 58       | 50.5               | -             | 7       | 1    | CEPR5008 |
| 9  | 25 | 71       | 63.5               | 19            | -       | -    | CEPR6319 |

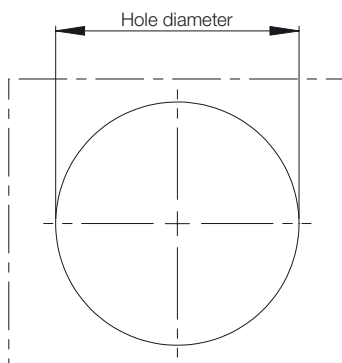
Front view



Side view



Cut-out



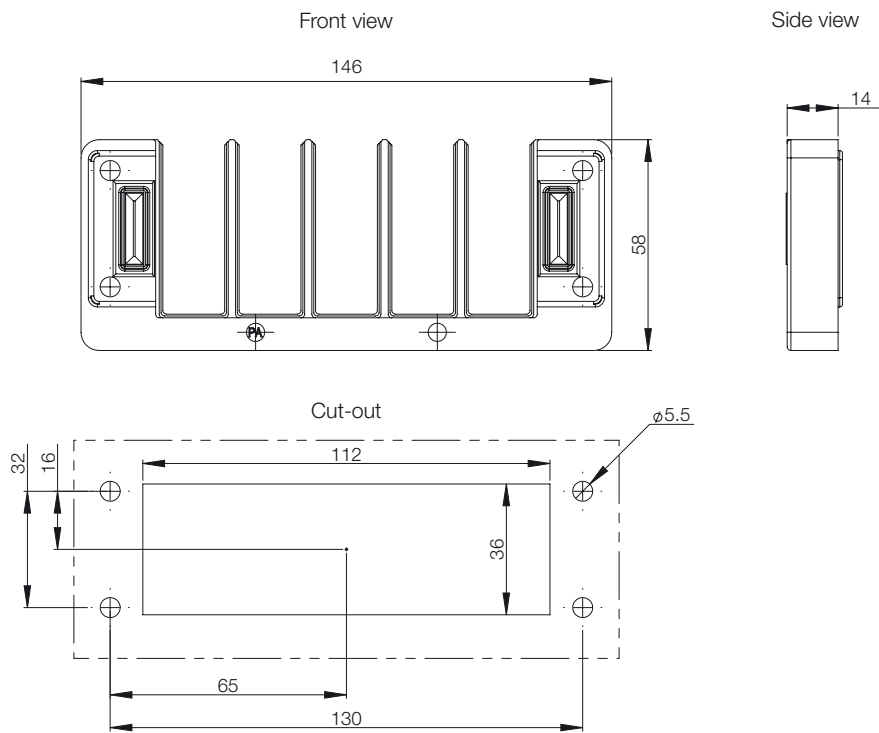
# Cable Management

## Cable Entry Gland Plates

### Connected cable entry gland plate, CCF

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>            | Plastic cable entry for a fast, economical and tool-free incoming of cables fitted with connectors, inside the enclosure. Integrated seal. For snap-in fastening (only for wall thicknesses ranging between 1.4 and 2 mm) and/or screwing. Installation height: 14 mm. It has ten openings to be covered with ten CCG cable entry grommets. If it's not necessary to use all the grommets with cables, a dummy grommet is to be used in order to maintain the IP rating. |
| <b>Material:</b>               | Polyamide, halogen free.                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Temperature resistance:</b> | -40°C to +140°C.                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Flammability:</b>           | V-0 according to UL94.                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Finish:</b>                 | Black.                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Protection:</b>             | IP 54 with suitable grommets and cables.                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Pack quantity:</b>          | 1 piece.                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

| Openings | Item no. |
|----------|----------|
| 10       | CCF2410  |

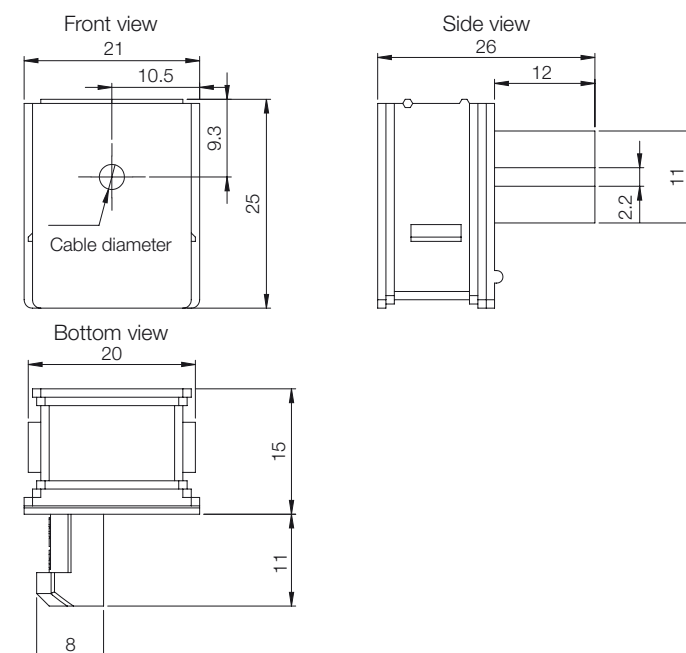


## Cable entry grommet, CCG

- Description:** Mounted together with the CCF cable gland plate, CCG grommets are used to easily route cables fitted with connectors. The grommet is positioned around the cable and is equipped with catch hooks that anchor themselves in the CCF cable gland plate. Strain relief is achieved by using a simple cable tie.
- Material:** Thermoplastic rubber, halogen free.
- Temperature resistance:** -40°C to +80°C.
- Flammability:** HB according to UL94.
- Finish:** Black.
- Protection:** IP 54 with suitable gland plate and cables.
- Pack quantity:** 10 pieces.



| Cable diameter (mm) | Item no. |
|---------------------|----------|
| 0                   | CCG00    |
| 3-4                 | CCG03    |
| 4-5                 | CCG04    |
| 5-6                 | CCG05    |
| 6-7                 | CCG06    |
| 7-8                 | CCG07    |
| 8-9                 | CCG08    |
| 9-10                | CCG09    |
| 10-11               | CCG10    |
| 11-12               | CCG11    |
| 12-13               | CCG12    |
| 13-14               | CCG13    |
| 14-15               | CCG14    |
| 15-16               | CCG15    |



# Cable Management

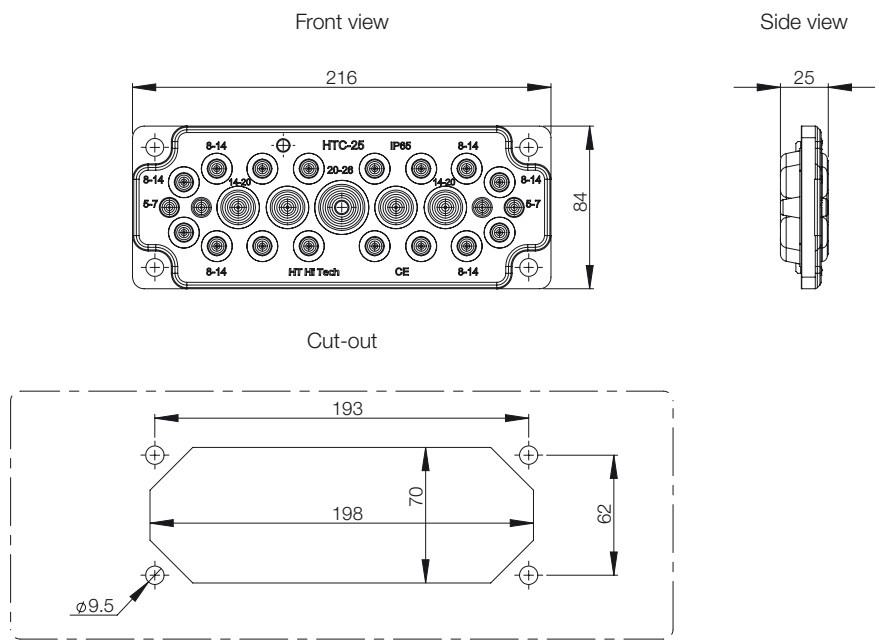
## Cable Entry Gland Plates

### Plastic cable plates, EHTC

|                |                                                                                                                                                                                          |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description:   | Gland plates suitable for leading through cables as well as different types of tubing. To be installed directly to the adapter gland plate AFA. Please see the cable management section. |
| Material:      | Different types of polymers reinforced with a steel plate. Halogen free and UV resistant.                                                                                                |
| Protection:    | IP 65.                                                                                                                                                                                   |
| Finish:        | RAL 7035.                                                                                                                                                                                |
| Pack quantity: | 1 piece with mounting accessories.                                                                                                                                                       |

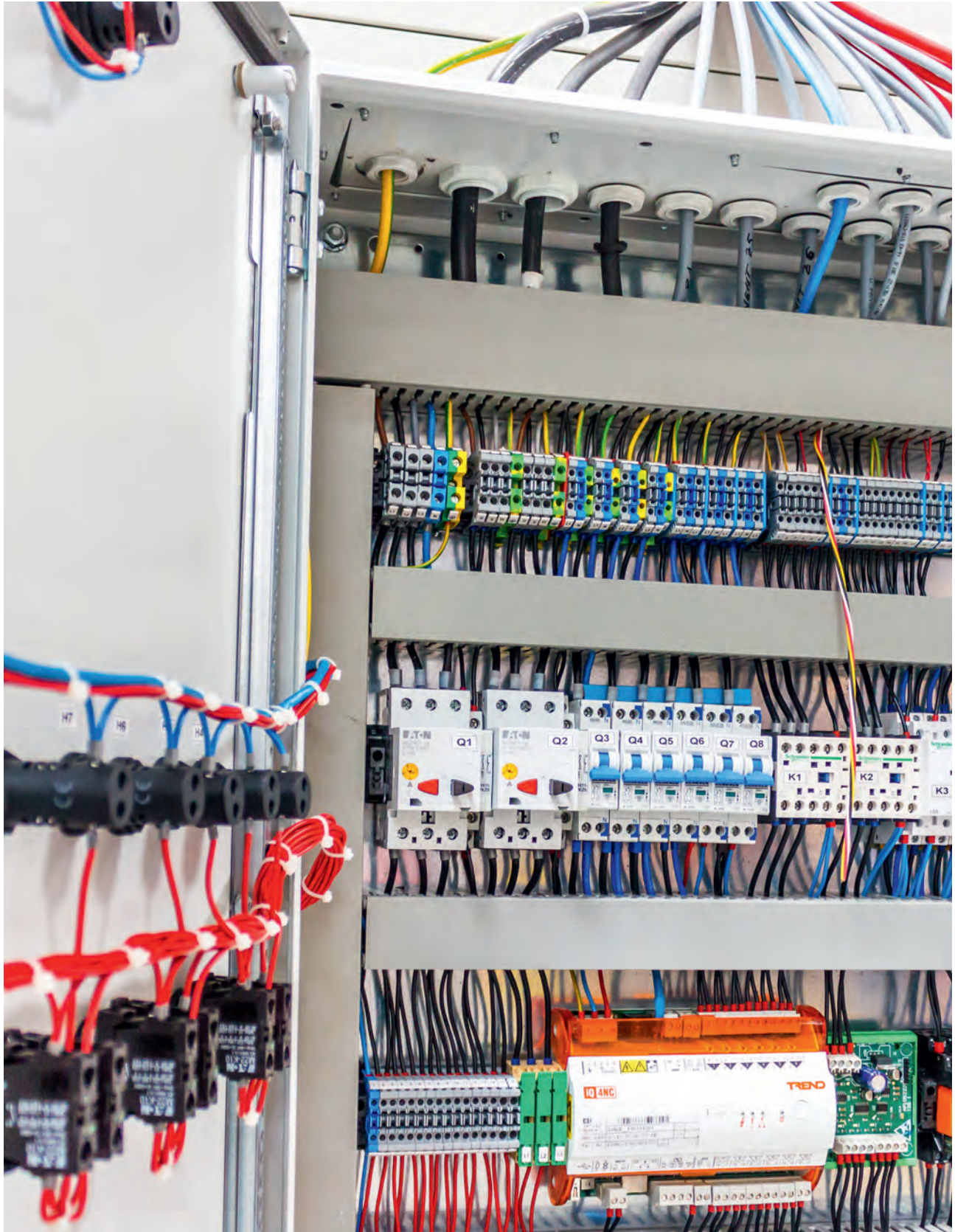


| For opening | Item no.  |
|-------------|-----------|
| FL21        | EHTC2125G |
| FL21        | EHTC213G  |
| FL21        | EHTC2135G |
| FL21        | EHTC2150G |



| Cable / Tube diameter (mm) | EHTC2125G | EHTC213G | EHTC2135G | EHTC2150G |
|----------------------------|-----------|----------|-----------|-----------|
| 5-7                        | 4         |          |           |           |
| 6-10                       |           |          | 4         |           |
| 6-14                       |           | 3        |           |           |
| 7-12                       |           |          | 12        |           |
| 7-13                       |           |          |           | 49        |
| 8-14 / 7-10                | 16        |          |           |           |
| 10-14                      |           |          | 16        |           |
| 12-18                      |           |          | 2         |           |
| 14-20 / 5-10               | 4         |          |           |           |
| 15-25                      |           |          |           | 1         |
| 17-32                      |           |          | 1         |           |
| 20-26 / 12-15              | 1         |          |           |           |
| 24-54                      |           | 2        |           |           |
| 30-59                      |           | 1        |           |           |













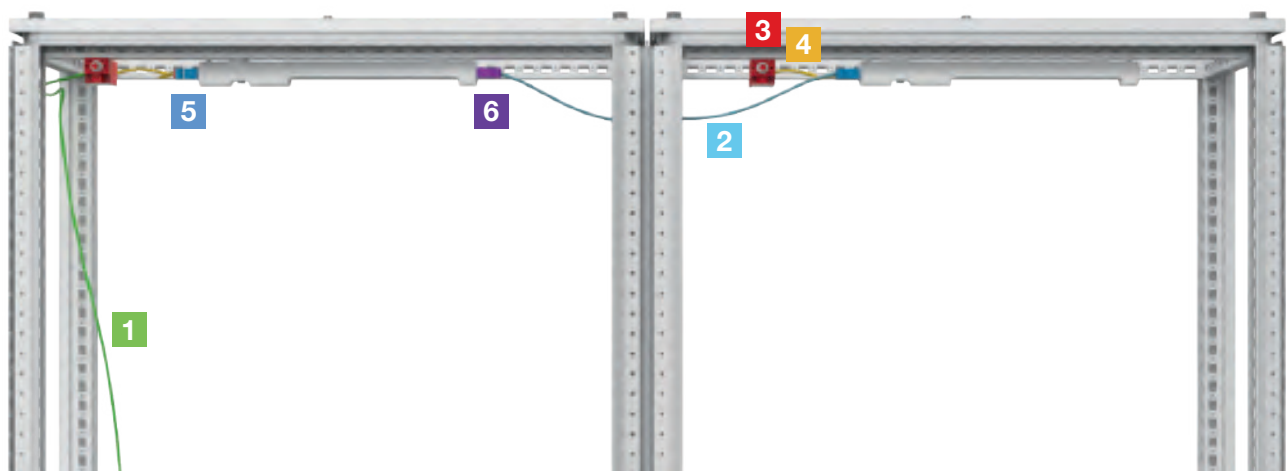
## 07 General Accessories

|                          |     |
|--------------------------|-----|
| Lighting & Sockets ..... | 590 |
| Profiles .....           | 605 |
| Paint .....              | 607 |
| Earthing .....           | 608 |
| Documents .....          | 612 |
| Busbar system .....      | 613 |

# General Accessories

## Lighting & Sockets

### nVent HOFFMAN Lighting System



1. Connection cable for infeed (includes connector 5);
2. Connection cable for through-wiring / infeed (includes connectors 5 and 6);
3. Door-operated switch;
4. Connection cable for door-operated switch;
5. Connector for infeed;
6. Connector for through-wiring.

|   | EL         | LTSL     | TL       | TLCL | TLC  |
|---|------------|----------|----------|------|------|
| 1 | ELCxxxPx   | CLF L    | a)       | a)   | a)   |
| 2 | ELCxxxTx   | LPT L    | a)       | -    | -    |
| 3 | ELD0801x   | ADSW/DSW | ADSW/DSW | TLCS | TLCS |
| 4 | ELC3001Dx* | c)       | c)       | b)   | b)   |
| 5 | a)         | COF L    | a)       | a)   | a)   |
| 6 | a)         | COM L    | a)       | -    | -    |

- a) The light is delivered with this part;
- b) A connection cable is included in the delivery of the door-operated switch;
- c) The light does not include a dedicated socket for connection of a connection cable for a door operated switch: The assembler must connect the door switch in-between the main leads.

\* To be used with ADSW /DSW.



# General Accessories

## Lighting & Sockets

### LED Enclosure light with socket and movement sensor, EL1200MS

|                                        |                                                                                                                                                                                                                                                |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description:                           | LED enclosure light specially designed for nVent HOFFMAN enclosures. Fast and tool-free assembly thanks to a latching hook system designed to fit the 25mm hole pattern on nVent HOFFMAN enclosures. May be fitted horizontally or vertically. |
| Lamp type:                             | LED.                                                                                                                                                                                                                                           |
| Luminosity:                            | 1200 lm.                                                                                                                                                                                                                                       |
| Light colour:                          | 4000 K (neutral white).                                                                                                                                                                                                                        |
| Power consumption:                     | 12 W                                                                                                                                                                                                                                           |
| Operating voltage:                     | 100 V - 240 V ~, 50/60 Hz                                                                                                                                                                                                                      |
| Connection:                            | Infeed, 3-pole. Through wiring, 3-pole.                                                                                                                                                                                                        |
| Operating temperature:                 | -20 °C ... +55 °C                                                                                                                                                                                                                              |
| Protection:                            | IP20                                                                                                                                                                                                                                           |
| Follow-up time of the motion detector: | 120 s                                                                                                                                                                                                                                          |
| Dimensions:                            | 364 x 76 x 48 mm.                                                                                                                                                                                                                              |

| Operating voltage    | Socket type     | Width | Item no.    |
|----------------------|-----------------|-------|-------------|
| 100V-240V~, 50/60 Hz | Type F (Shucko) | 364   | EL1200MS    |
| 100V-240V~, 50/60 Hz | Type E          | 364   | EL1200MS-BF |
| 100V-240V~, 50/60 Hz | Type J          | 364   | EL1200MS-CH |
| 100V-240V~, 50/60 Hz | Type G          | 364   | EL1200MS-GB |
| 100V-240V~, 50/60 Hz | Type B          | 364   | EL1200MS-US |



## LED Enclosure light with socket, EL1200DS

|                               |                                                                                                                                                                                                                                                |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | LED enclosure light specially designed for nVent HOFFMAN enclosures. Fast and tool-free assembly thanks to a latching hook system designed to fit the 25mm hole pattern on nVent HOFFMAN enclosures. May be fitted horizontally or vertically. |
| <b>Lamp type:</b>             | LED.                                                                                                                                                                                                                                           |
| <b>Luminosity:</b>            | 1200 lm.                                                                                                                                                                                                                                       |
| <b>Light colour:</b>          | 4000 K (neutral white).                                                                                                                                                                                                                        |
| <b>Power consumption:</b>     | 12 W                                                                                                                                                                                                                                           |
| <b>Operating voltage:</b>     | 100 V - 240 V ~, 50/60 Hz                                                                                                                                                                                                                      |
| <b>Connection:</b>            | Infeed, 3-pole. Through wiring, 3-pole.                                                                                                                                                                                                        |
| <b>Operating temperature:</b> | -20 °C ... +55 °C                                                                                                                                                                                                                              |
| <b>Protection:</b>            | IP20                                                                                                                                                                                                                                           |
| <b>Dimensions:</b>            | 364 × 76 × 48 mm.                                                                                                                                                                                                                              |



| Operating voltage         | Socket type     | Width | Item no.    |
|---------------------------|-----------------|-------|-------------|
| 100 V - 240 V ~, 50/60 Hz | Type F (Shucko) | 364   | EL1200DS    |
| 100 V - 240 V ~, 50/60 Hz | Type E          | 364   | EL1200DS-BF |
| 100 V - 240 V ~, 50/60 Hz | Type J          | 364   | EL1200DS-CH |
| 100 V - 240 V ~, 50/60 Hz | Type G          | 364   | EL1200DS-GB |
| 100 V - 240 V ~, 50/60 Hz | Type B          | 364   | EL1200DS-US |

# General Accessories

## Lighting & Sockets

### LED Enclosure light with movement sensor, EL1200M

|                                               |                                                                                                                                                                                                                                                |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>                           | LED enclosure light specially designed for nVent HOFFMAN enclosures. Fast and tool-free assembly thanks to a latching hook system designed to fit the 25mm hole pattern on nVent HOFFMAN enclosures. May be fitted horizontally or vertically. |
| <b>Lamp type:</b>                             | LED.                                                                                                                                                                                                                                           |
| <b>Luminosity:</b>                            | 1200 lm.                                                                                                                                                                                                                                       |
| <b>Light colour:</b>                          | 4000 K (neutral white).                                                                                                                                                                                                                        |
| <b>Power consumption:</b>                     | 12 W                                                                                                                                                                                                                                           |
| <b>Operating voltage:</b>                     | 100 V - 240 V ~, 50/60 Hz                                                                                                                                                                                                                      |
| <b>Connection:</b>                            | Infeed, 3-pole. Through wiring, 3-pole.                                                                                                                                                                                                        |
| <b>Operating temperature:</b>                 | -20 °C ... +55 °C                                                                                                                                                                                                                              |
| <b>Protection:</b>                            | IP20                                                                                                                                                                                                                                           |
| <b>Follow-up time of the motion detector:</b> | 120 s                                                                                                                                                                                                                                          |
| <b>Dimensions:</b>                            | 315 x 76 x 48 mm.                                                                                                                                                                                                                              |

| Operating voltage         | Width | Item no. |
|---------------------------|-------|----------|
| 100 V - 240 V ~, 50/60 Hz | 315   | EL1200M  |



### LED Enclosure light with socket, EL900DS

|                               |                                                                                                                                                                                                                                                |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | LED enclosure light specially designed for nVent HOFFMAN enclosures. Fast and tool-free assembly thanks to a latching hook system designed to fit the 25mm hole pattern on nVent HOFFMAN enclosures. May be fitted horizontally or vertically. |
| <b>Lamp type:</b>             | LED.                                                                                                                                                                                                                                           |
| <b>Luminosity:</b>            | 900 lm.                                                                                                                                                                                                                                        |
| <b>Light colour:</b>          | 4000 K (neutral white).                                                                                                                                                                                                                        |
| <b>Power consumption:</b>     | 9 W                                                                                                                                                                                                                                            |
| <b>Operating voltage:</b>     | 100 V - 240 V ~, 50/60 Hz                                                                                                                                                                                                                      |
| <b>Connection:</b>            | Infeed, 3-pole. Through wiring, 3-pole.                                                                                                                                                                                                        |
| <b>Operating temperature:</b> | -20 °C ... +55 °C                                                                                                                                                                                                                              |
| <b>Protection:</b>            | IP20                                                                                                                                                                                                                                           |
| <b>Dimensions:</b>            | 364 x 76 x 48                                                                                                                                                                                                                                  |

| Operating voltage         | Socket type     | Width | Item no.   |
|---------------------------|-----------------|-------|------------|
| 100 V - 240 V ~, 50/60 Hz | Type F (Shucko) | 364   | EL900DS    |
| 100 V - 240 V ~, 50/60 Hz | Type E          | 364   | EL900DS-BF |
| 100 V - 240 V ~, 50/60 Hz | Type J          | 364   | EL900DS-CH |
| 100 V - 240 V ~, 50/60 Hz | Type G          | 364   | EL900DS-GB |
| 100 V - 240 V ~, 50/60 Hz | Type B          | 364   | EL900DS-US |





## LED Enclosure light, EL900D

|                               |                                                                                                                                                                                                                                                |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | LED enclosure light specially designed for nVent HOFFMAN enclosures. Fast and tool-free assembly thanks to a latching hook system designed to fit the 25mm hole pattern on nVent HOFFMAN enclosures. May be fitted horizontally or vertically. |
| <b>Lamp type:</b>             | LED.                                                                                                                                                                                                                                           |
| <b>Luminosity:</b>            | 900 lm.                                                                                                                                                                                                                                        |
| <b>Light colour:</b>          | 4000 K (neutral white).                                                                                                                                                                                                                        |
| <b>Power consumption:</b>     | 9 W.                                                                                                                                                                                                                                           |
| <b>Operating voltage:</b>     | 100 V - 240 V ~, 50/60 Hz.                                                                                                                                                                                                                     |
| <b>Connection:</b>            | Infeed, 3-pole. Through wiring, 3-pole.                                                                                                                                                                                                        |
| <b>Operating temperature:</b> | -20 °C ... +55 °C.                                                                                                                                                                                                                             |
| <b>Protection:</b>            | IP20                                                                                                                                                                                                                                           |
| <b>Dimensions:</b>            | 314 x 76 x 48 mm.                                                                                                                                                                                                                              |

| Operating voltage         | Width | Item no. |
|---------------------------|-------|----------|
| 100 V - 240 V ~, 50/60 Hz | 314   | EL900D   |



## LED Enclosure light 24V with movement sensor, EL1200M24V

|                                               |                                                                                                                                                                                                                                                |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>                           | LED enclosure light specially designed for nVent HOFFMAN enclosures. Fast and tool-free assembly thanks to a latching hook system designed to fit the 25mm hole pattern on nVent HOFFMAN enclosures. May be fitted horizontally or vertically. |
| <b>Lamp type:</b>                             | LED.                                                                                                                                                                                                                                           |
| <b>Luminosity:</b>                            | 1200 lm.                                                                                                                                                                                                                                       |
| <b>Light colour:</b>                          | 4000 K (neutral white).                                                                                                                                                                                                                        |
| <b>Power consumption:</b>                     | 12 W                                                                                                                                                                                                                                           |
| <b>Operating voltage:</b>                     | 24 V DC                                                                                                                                                                                                                                        |
| <b>Connection:</b>                            | Infeed, 2-pole. Through wiring, 2-pole.                                                                                                                                                                                                        |
| <b>Operating temperature:</b>                 | -20 °C ... +55 °C                                                                                                                                                                                                                              |
| <b>Protection:</b>                            | IP20                                                                                                                                                                                                                                           |
| <b>Follow-up time of the motion detector:</b> | 120 s                                                                                                                                                                                                                                          |
| <b>Dimensions:</b>                            | 314 x 76 x 48                                                                                                                                                                                                                                  |

| Operating voltage | Width | Item no.   |
|-------------------|-------|------------|
| 24 V DC           | 314   | EL1200M24V |



# General Accessories

## Lighting & Sockets

### LED Enclosure light 24V, EL1200D24V

|                               |                                                                                                                                                                                                                                                |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | LED enclosure light specially designed for nVent HOFFMAN enclosures. Fast and tool-free assembly thanks to a latching hook system designed to fit the 25mm hole pattern on nVent HOFFMAN enclosures. May be fitted horizontally or vertically. |
| <b>Lamp type:</b>             | LED.                                                                                                                                                                                                                                           |
| <b>Luminosity:</b>            | 1200 lm.                                                                                                                                                                                                                                       |
| <b>Light colour:</b>          | 4000 K (neutral white).                                                                                                                                                                                                                        |
| <b>Power consumption:</b>     | 12 W                                                                                                                                                                                                                                           |
| <b>Operating voltage:</b>     | 24 V DC                                                                                                                                                                                                                                        |
| <b>Connection:</b>            | Infeed, 2-pole. Through wiring, 2-pole.                                                                                                                                                                                                        |
| <b>Operating temperature:</b> | -20 °C ... +55 °C                                                                                                                                                                                                                              |
| <b>Protection:</b>            | IP20                                                                                                                                                                                                                                           |
| <b>Dimensions:</b>            | 314 × 76 × 48                                                                                                                                                                                                                                  |

| Operating voltage | Width | Item no.   |
|-------------------|-------|------------|
| 24 V DC           | 314   | EL1200D24V |



## Connection accessories for LED enclosure lights, ELC

|                     |                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b> | Pre-fabricated cables for LED enclosure lights. Using these cables will save time and ease mounting of the lights. |
| <b>Connection:</b>  | Infeed, with through wiring 3-pole cables (24V is with 2-pole cable).                                              |
| <b>Dimensions:</b>  | Different lengths: See article list for more info.                                                                 |



Cable for door switch, self assembly LED enclosure lights

| Type                                    | Ready to use cables                    | Length | Colour | Pack quantity | Item no.  |
|-----------------------------------------|----------------------------------------|--------|--------|---------------|-----------|
| TPS-cable for door-switch, ENEC version | To be used together with a door switch | 3000   | Black  | 1             | ELC3001DE |
| TPS-cable for door-switch, UL version   | To be used together with a door switch | 3000   | Black  | 1             | ELC3001DU |

Connection cable for LED enclosure lights

| Type                         | Ready to use cables | Length | Colour | Pack quantity | Item no.     |
|------------------------------|---------------------|--------|--------|---------------|--------------|
| Infeed, 3-pole, 100-240 V AC | For infeed power    | 1000   | Black  | 5             | ELC1005PB    |
| Infeed, 3-pole, 100-240 V AC | For infeed power    | 3000   | Black  | 5             | ELC3005PB    |
| Infeed, 3-pole, 100-240 V AC | For infeed power    | 1000   | Orange | 5             | ELC1005PO    |
| Infeed, 3-pole, 100-240 V AC | For infeed power    | 3000   | Orange | 5             | ELC3005PO    |
| Infeed, 2-pole, 24 V (DC)    | For infeed power    | 3000   | Grey   | 5             | ELC3005PG24V |

Through wiring cable for LED enclosure lights

| Type                                | Ready to use cables | Length | Colour | Pack quantity | Item no.     |
|-------------------------------------|---------------------|--------|--------|---------------|--------------|
| Through-wiring, 3-pole 100-240 V AC | For through wiring  | 1000   | Black  | 5             | ELC1005TB    |
| Through-wiring, 3-pole 100-240 V AC | For through wiring  | 1000   | Orange | 5             | ELC1005TO    |
| Through-wiring, 2-pole, 24 V (DC)   | For through wiring  | 1000   | Grey   | 5             | ELC1005TG24V |

For UL-cables please contact nVent HOFFMAN.

# General Accessories

## Lighting & Sockets

### Door-operated switch for LED enclosure lights, ELD

**Description:** This door switch is used with LED enclosure lights that don't have a motion detector. Delivered with a 800mm TPS cable.

**Dimensions:** 31 × 31 × 63 × 800

**Pack quantity:** 1 piece including cable and door switch.

| Type | Length | Pack quantity | Item no. |
|------|--------|---------------|----------|
| CE   | 800    | 1             | ELD0801E |
| UL   | 800    | 1             | ELD0801U |



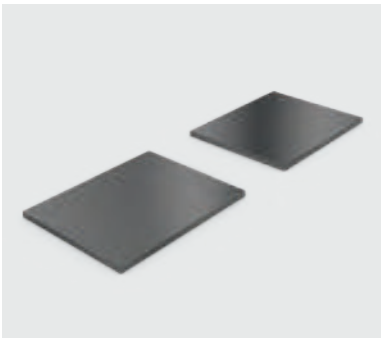
### Mounting accessories for the LED enclosure light, ELA

**Description:** Accessories for alternative mounting of an LED enclosure light.

**Design:** Bracket for screw fixation, and magnets for magnet fixation.

**Pack quantity:** 2 pcs.

| Type   | Pack quantity | Item no. |
|--------|---------------|----------|
| Magnet | 2             | ELA02MF  |
| Screw  | 2             | ELA02SF  |



## LED light, LTSL

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | Energy saving lighting system suitable for all types of panels and enclosures, especially where space is at a premium. It is made of transparent plastic. This lamp has a very long service life (around 60,000 h.) thanks to the use of LED technology. The power output allows up to 10 lights to be connected to each other (daisy chain) with both the input and output plugs snap-locking into their sockets. |
| <b>Lamp:</b>                  | LED, 120° angle of radiation.                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Luminosity:</b>            | 400 Lm.                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Power consumption:</b>     | 5 W max.                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Operating voltage:</b>     | 100-240 V, 50/60 Hz.                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Operating temperature:</b> | -30 °C to +60 °C.                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Connections:</b>           | Connectors with snap lock for power supply and power output.                                                                                                                                                                                                                                                                                                                                                       |
| <b>Approvals:</b>             | CE, EAC, cULus_UL Listed.                                                                                                                                                                                                                                                                                                                                                                                          |

| Mounting      | Dimensions       | Item no. |
|---------------|------------------|----------|
| Magnet fixing | 351 x 34 x 32 mm | LTSL5    |
| Screw fixing  | 351 x 36 x 52 mm | LTSL5S   |



## Power cable for LTSL lights, CLF L

|                       |                                                                                                                     |
|-----------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | Feed cable with female connector on one end to connect to a LTSL light and an open end for the connection to power. |
| <b>Length:</b>        | 2 m.                                                                                                                |
| <b>Approvals:</b>     | CE, UKCA, EAC.                                                                                                      |
| <b>Pack quantity:</b> | 5 pieces.                                                                                                           |

| Item no. |
|----------|
| CLF2005L |



# General Accessories

## Lighting & Sockets

### Connecting cable for LTSL lights, LTP L

|                       |                                                    |
|-----------------------|----------------------------------------------------|
| <b>Description:</b>   | Plug-in connecting cable between LTSL light units. |
| <b>Length:</b>        | 1 m.                                               |
| <b>Approvals:</b>     | CE, UKCA, EAC.                                     |
| <b>Pack quantity:</b> | 5 pieces.                                          |

| Item no. |
|----------|
| LTP1000L |



### Female connectors for LTSL lights, COF L

|                       |                                              |
|-----------------------|----------------------------------------------|
| <b>Approvals:</b>     | CE, EAC.                                     |
| <b>Pack quantity:</b> | Pack of 5 female connectors for LTSL lights. |

| Item no. |
|----------|
| COF05L   |



### Male connectors for LTSL lights, COM L

|                       |                            |
|-----------------------|----------------------------|
| <b>Approvals:</b>     | CE, EAC.                   |
| <b>Pack quantity:</b> | Pack of 5 male connectors. |

| Item no. |
|----------|
| COM05L   |



## Compact design light, TLC

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | Lighting system with a compact design, suitable for all types of enclosures or racks. It has three possible fixing possibilities: magnetically, screw mounting with a variable distance between holes and/or snap-into 19" rack. It is an electronically operated device and has a service life of 10,000 h. The body of the lighting system is made of PC-ABS. An integrated connector allows the activation of the lamp by a door switch by using the TLC8 product without performing any additional wiring. It is provided with a protection cap made of PC and the colour of the light is cold white. |
| <b>Lamp type:</b>             | Fluorescent lamp T5/G5.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Luminosity:</b>            | 480 Lm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Power consumption:</b>     | 8 W.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Operating temperature:</b> | -15 °C to +45 °C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Dimensions:</b>            | 448 x 54.5 x 26 mm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Connections:</b>           | 2x0.75 mm <sup>2</sup> open end cable (1.5 m long), 2x0.75 mm <sup>2</sup> female mini-connector for door switch use.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Approvals:</b>             | CE, EAC.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Delivery:</b>              | 1 light with fix mounted connection cable, integrated magnets and mounting screws.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |



| Operating voltage | Finish                | Item no. |
|-------------------|-----------------------|----------|
| 230 V, 50/60 Hz   | Light grey (RAL 7035) | TLC87035 |
| 230 V, 50/60 Hz   | Black (RAL 9005)      | TLC89005 |

24 V DC version available on request.



# General Accessories

## Lighting & Sockets

### Compact design LED light, TLCL

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>           | Lighting system with a compact design, suitable for all types of enclosures or racks. It has three possible fixing possibilities: magnetically, screw mounting with a variable distance between holes and/or snap-into 19" rack. This lamp has a very long service life (around 50000 h.) due to the use of LED technology. The body of the lighting system is made of PC-ABS. An integrated connector allows the activation of the lamp by a door switch by using the TLCS product without performing any additional wiring. The led-tube is made of PC and the colour of the light is white. |
| <b>Lamp type:</b>             | High Power LEDs.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Luminosity:</b>            | 945 Lm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Power consumption:</b>     | 7.2 W.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Operating temperature:</b> | -20 °C to +50 °C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Dimensions:</b>            | 448 x 54.5 x 26 mm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Connections:</b>           | 2x0.75 mm <sup>2</sup> open end cable (1.5 m long), 2x0.75 mm <sup>2</sup> mini-connector for door switch use.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Approvals:</b>             | CE, EAC.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Delivery:</b>              | 1 light with fix mounted connection cable, integrated magnets and mounting screws.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

| Operating voltage      | Finish                | Item no.     |
|------------------------|-----------------------|--------------|
| 220-240 V AC, 50/60 Hz | Light grey (RAL 7035) | TLCL87035    |
| 24 V DC                | Light grey (RAL 7035) | TLCL87035-24 |
| 220-240 V AC, 50/60 Hz | Black (RAL 9005)      | TLCL89005    |
| 24 V DC                | Black (RAL 9005)      | TLCL89005-24 |

100-240 V version available on request.



### Door switch with cable for TLC / TLCL lights, TLCS

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | Door switch made of PC-ABS for the TLC and TLCL lights. Can be mounted on the inside hole pattern of the enclosure's frame in floor standing enclosures by means of a plug-in and play principle. A very slim design is guaranteed due to the integrated micro switch. This leaves a maximum opening space. The switch is supplied with a pre-wired cable. The auto positioning system of the door switch assures that the switch is always in the correct position. |
| <b>Length:</b>        | 1.5 m.                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Approvals:</b>     | CE, EAC.                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Pack quantity:</b> | 1 piece with mounting accessories.                                                                                                                                                                                                                                                                                                                                                                                                                                   |

| Description            | Item no. |
|------------------------|----------|
| Door switch with cable | TLCS01   |
| Cable for door switch  | TLCS600  |



## 19" Blind 1U, TLCF

**Description:** Metal sheet to be used with TLC/TLCL lights to fill up one height unit in 19" racks.

**Dimensions:** 485 x 45 x 6 mm.

**Pack quantity:** 1 piece.

| Finish                | Item no. |
|-----------------------|----------|
| Light grey (RAL 7035) | TLCF7035 |
| Black (RAL 9005)      | TLCF9005 |



## Small enclosure light, TL

**Description:** Energy saving and cost-effective lightning system to be fixed with the screws or adhesive tape provided. The power output allows lights to be connected to each other by using the serial cable included. Up to a maximum power of 100 W can be serial connected.

**Lamp type:** LED.

**Light colour:** 4000 K (neutral white).

**Operating voltage:** 220 V - 240 V ~, 50/60 Hz.

**Operating temperature:** -5 °C ... +45 °C.

**Connections:** Infeed, 2-pole. Through wiring, 2-pole.

**Material:** Body polycarbonate, end caps ABS, Protection cap PMMA.

**Approvals:** CE, EAC.

**Delivery:** 1 light with power cable 1.75 m long, one connection cable 140 mm long to connect lights to each other, plus mounting materials.

| Operating voltage    | Luminosity | Power consumption | Dimensions       | Item no.  |
|----------------------|------------|-------------------|------------------|-----------|
| 220V-240V~, 50/60 Hz | 330 Lm     | 4W                | 277 x 43 x 28 mm | TL4001-4W |
| 220V-240V~, 50/60 Hz | 750 Lm     | 9W                | 538 x 43 x 28 mm | TL4001-9W |



## Door switch, DSW

**Description:** Door switch to activate any electrical device (lighting, signalling, alarms, etc.). Can be mounted after installing the enclosure thereby keeping the door opening free. Fixed on the inside hole pattern of the enclosure's frame in floor standing enclosures. Cable entry M20.

**Switch capacity:** 3 A / 240 V.

**Approvals:** CE, cCSAus, CCC.

**Pack quantity:** 1 piece with mounting accessories.

| Item no. |
|----------|
| DSW01    |

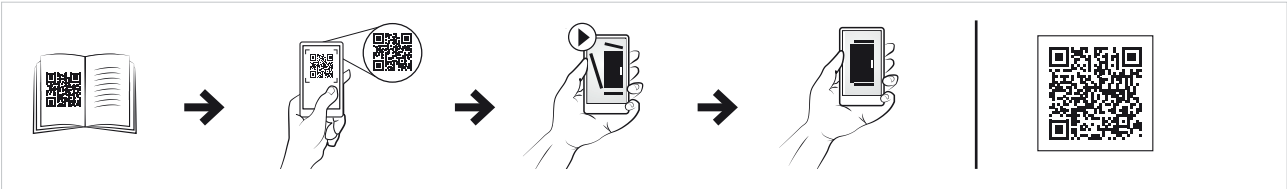


# General Accessories

## Lighting & Sockets

### Door switch, ADSW

|                         |                                                                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>     | Door switch to activate any electrical device (lighting, signalling, alarms, etc.) designed for wall mounted enclosures. Cable entry M20. In stainless steel enclosures, machining is required. |
| <b>Switch capacity:</b> | 3 A / 240 V.                                                                                                                                                                                    |
| <b>Approvals:</b>       | CE, EAC, cULus listed.                                                                                                                                                                          |
| <b>Pack quantity:</b>   | 1 piece with mounting accessories.                                                                                                                                                              |
| <b>Item no.</b>         |                                                                                                                                                                                                 |
| ADSW01                  |                                                                                                                                                                                                 |



### Power socket with integrated fuse, LPS

|                       |                                                                                          |
|-----------------------|------------------------------------------------------------------------------------------|
| <b>Description:</b>   | DIN rail mounted electrical socket. Pressure clamp connection for easy and quick wiring. |
| <b>Dimensions:</b>    | 92 mm x 62 mm x 48 mm.                                                                   |
| <b>Connection:</b>    | 3 pressure clamps for stranded and rigid wire 0.5-2.5 mm². Integrated fuse 6,3A 5x20 mm. |
| <b>Finish:</b>        | Light grey.                                                                              |
| <b>Material:</b>      | Plastic UL 94 V-0.                                                                       |
| <b>Pack quantity:</b> | 1 piece.                                                                                 |

| Socket type              | Item no. |
|--------------------------|----------|
| Schuko                   | LPS10    |
| France / Belgium / Czech | LPS10FR  |
| Switzerland              | LPS10CH  |
| UK / Ireland             | LPS10UK  |
| USA / Canada             | LPS10USA |



# General Accessories Profiles

## DIN rails, PP

**Description:** According to EN 60715.

**Material:** Galvanized steel.

**Pack quantity:** 15 x 2 m.

| Description   | Type  | Hole pattern              | Dim      | Item no. |
|---------------|-------|---------------------------|----------|----------|
| With holes    | Omega | Hole pattern 18 x 5.2 mm. | 5 x 15   | PP0515H  |
| Without holes | Omega |                           | 7.5 x 35 | PP0735   |
| With holes    | Omega | Hole pattern 18 x 5.2 mm. | 7.5 x 35 | PP0735H  |
| Without holes | G     |                           | 15 x 32  | PP1532   |
| With holes    | G     | Hole pattern 18 x 5.2 mm. | 15 x 32  | PP1532H  |
| Without holes | Omega |                           | 15 x 35  | PP1535   |
| With holes    | Omega | Hole pattern 18 x 5.2 mm. | 15 x 35  | PP1535H  |



## Support bracket, DRS

**Description:** Mounting brackets to install earthing strips and rails.

**Material:** Zinc plated steel.

**Pack quantity:** 20 pieces.

| Type     | Item no. |
|----------|----------|
| Flat     | DRS20F   |
| Inclined | DRS20I   |



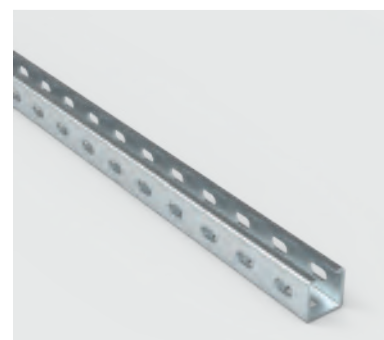
## Mounting rails, CP

**Description:** Installation profile with and without 25 mm hole pattern. Add GLM sliding nuts for easy installation of components.

**Material:** Galvanized steel.

**Pack quantity:** 10 x 2 m.

| Description   | Dim     | Item no. |
|---------------|---------|----------|
| With holes    | 10 x 20 | CP1020H  |
| Without holes | 10 x 20 | CP1020U  |
| With holes    | 20 x 20 | CP2020H  |
| Without holes | 20 x 20 | CP2020U  |
| With holes    | 20 x 40 | CP2040H  |
| Without holes | 20 x 40 | CP2040U  |



# General Accessories

## Profiles

### Sliding nuts for mounting rails, GLM-GA

**Description:** Sliding nuts to be used with CP mounting rails and CLPF mounting profiles for easy installation of components.

**Material:** Zinc plated steel.

**Pack quantity:** 50 pieces.

| Thread | To be used with                  | Item no. |
|--------|----------------------------------|----------|
| M6     | CP1020, CP1020U, CP2020, CP2020U | GLM20-6P |
| M8     | CP1020, CP1020U, CP2020, CP2020U | GLM20-8P |
| M6     | CP2040, CP2040U, CLPF profiles   | GLM40-6P |
| M8     | CP2040, CP2040U, CLPF profiles   | GLM40-8P |



### Extrude-tite screws, CNT

**Description:** Torx extrude-tite screws for fitting accessories, click in profiles, earthing etc.

**Pack quantity:** 250 pieces.

| Thread | Item no. |
|--------|----------|
| M5     | CNT05    |
| M6     | CNT06    |



### Screws for clip-on cage nuts, CNS

**Description:** Socket head screws M6x12 and M8x12 for clip-on cage nuts.

**Pack quantity:** 250 pieces.

| Thread | Item no. |
|--------|----------|
| M6     | CNS612   |
| M8     | CNS812   |



### Cage nuts, CNM

**Description:** Cage nuts designed for universal use on the enclosure frame profiles and the profiles system.

**Pack quantity:** 50 pieces.

| Thread | Item no. |
|--------|----------|
| M6     | CNM615   |
| M8     | CNM815   |



Paint can, BFP

**Description:** Air drying paint, for repairs and touch-up of powder coated or wet painted surfaces.

**Pack quantity:** 1 spray can of 400 ml.

| Colour      | RAL Colour | Item no. |
|-------------|------------|----------|
| Black       | RAL 7022   | BFP7022  |
| Mid grey    | RAL 7030   | BFP7030  |
| Pebble grey | RAL 7032   | BFP7032  |
| Light grey  | RAL 7035   | BFP7035  |



Cleaner for stainless steel, SSC

**Description:** A special in-depth cleaner for stainless steel.

**Pack quantity:** 1 bottle of stainless steel cleaner of 250 ml, 1 bottle of surface protector, 1 sponge.

| Item no. |
|----------|
| SSC01    |



# General Accessories

## Earthing

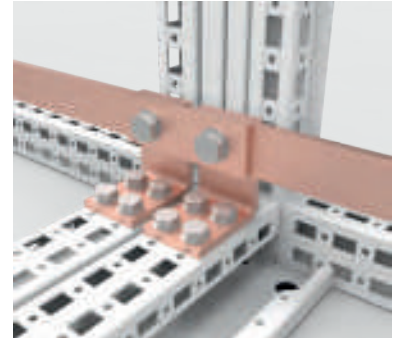
### PE/PEN baying bracket, EBB

**Description:** Baying bracket to be used when ECB copper bars need to be connected between enclosures.

**Material:** Copper.

**Delivery:** 5 pcs. of copper brackets.

| Dimensions | Item no. |
|------------|----------|
| 30x05      | EBB3005  |
| 30x10      | EBB3010  |
| 40x10      | EBB4010  |
| 80x10      | EBB8010  |



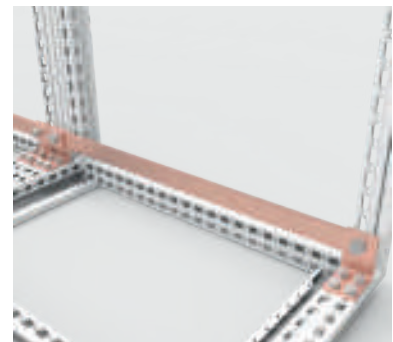
### PE/PEN bars, ECB

**Description:** Prefabricated busbars designed for nVent HOFFMAN enclosures.

**Material:** Copper.

**Delivery:** 2 pcs. of copper bar.

| Dimensions | Length | Item no.  |
|------------|--------|-----------|
| 30x5       | 400    | ECB043005 |
| 30x10      | 400    | ECB043010 |
| 40x10      | 400    | ECB044010 |
| 80x10      | 400    | ECB048010 |
| 30x05      | 600    | ECB063005 |
| 30x10      | 600    | ECB063010 |
| 40x10      | 600    | ECB064010 |
| 80x10      | 600    | ECB068010 |
| 30x05      | 800    | ECB083005 |
| 30x10      | 800    | ECB083010 |
| 40x10      | 800    | ECB084010 |
| 80x10      | 800    | ECB088010 |



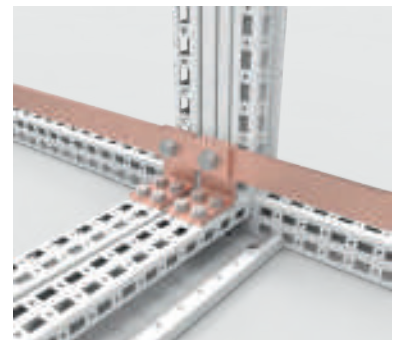
### PE/PEN bracket, ECK

**Description:** Copper bracket to support the fixation of ECB-bars. The bracket is fixated directly to the frame.

**Material:** Copper.

**Delivery:** 2 pcs. of brackets with fixation material.

| Dimensions | Item no. |
|------------|----------|
| 30x5       | ECK01    |
| 40x10      | ECK02    |
| 40x10 Flat | ECK03    |

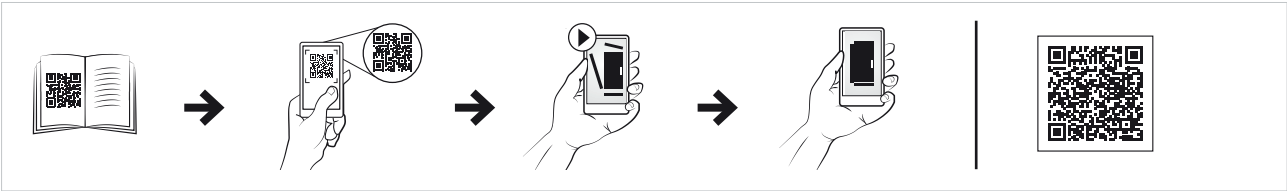




Earthing cables, ECFA

- Description:** For earthing between metallic parts.
- Material:** 6 mm<sup>2</sup> copper wire (yellow-green).
- Pack quantity:** 10 pieces.
- Mounting requirements:** Add connection set ECF for fixing cable to painted frame.

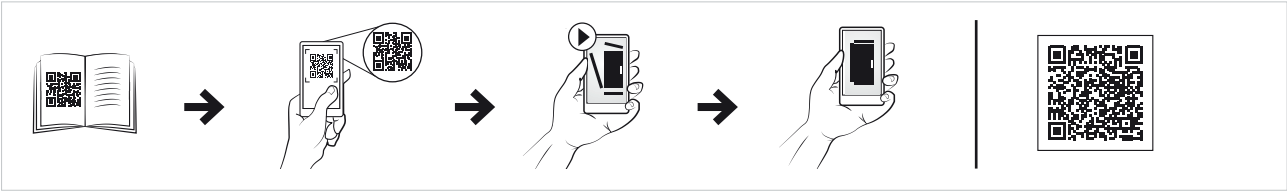
| Length | Connection size | Item no. |
|--------|-----------------|----------|
| 220 mm | M6 / M8         | ECFA220  |
| 300 mm | M8 / M8         | ECFA300  |



Earthing straps, ECFE

- Description:** For earthing and potential compensation between panels, parts and the enclosure's frame.
- Length:** 300 mm.
- Material:** Tinned electrolytic copper 0.15 mm wire.
- Working temperature:** Up to 105°C.
- Pack quantity:** 10 pieces.
- Mounting requirements:** Add ECF connection set for fixing strap to painted frame.

| Cross sectional area | Holes diam. | Current (A) | Item no. |
|----------------------|-------------|-------------|----------|
| 16 mm <sup>2</sup>   | 8.5         | 120 A       | ECFE1630 |
| 25 mm <sup>2</sup>   | 10.5        | 150 A       | ECFE2530 |



# General Accessories

## Earthing

### Earthing connection for panels, ECP

**Description:** Earthing connection for fixing the earthing straps and cables to panels, mounting plates or profiles.

**Pack quantity:** 10 sets.

| Bolt size | Item no. |
|-----------|----------|
| M6        | ECP06    |
| M8        | ECP08    |

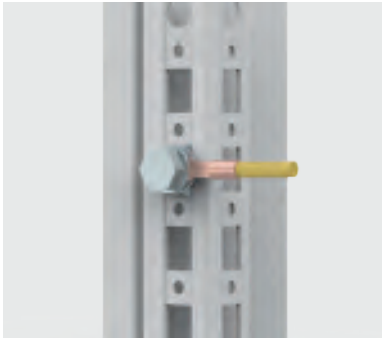


### Earthing connections for frames, ECF

**Description:** Earthing connections for fixing the earthing straps and cables to the enclosure's frame.

**Pack quantity:** 10 sets.

| Bolt size | Item no. |
|-----------|----------|
| M6        | ECF06    |
| M8        | ECF08    |



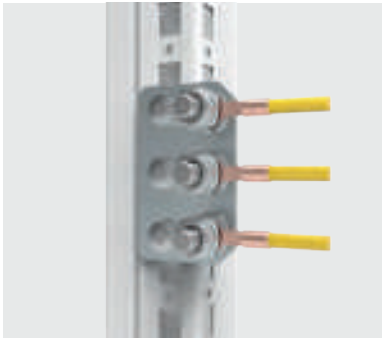
### Central earthing point, ECFP

**Description:** Provides earthing contact surface on horizontal or vertical frame profiles. For a secure earthing point with multiple connections.

**Material:** Galvanized steel.

**Pack quantity:** 3 central earthing points with mounting accessories. M8 earthing kit included for the three holes.

| Item no. |
|----------|
| ECFP08   |



## General Accessories

### Earthing

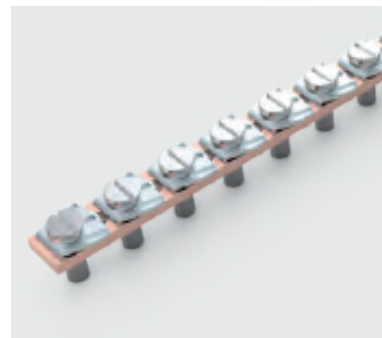
# 07

General Accessories

### PE busbar with terminal clamps, NSM2000

|                       |                                                                                                           |
|-----------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | PE-bar in 2000mm length with 133 prefitted terminals. Can be cut to the desired length for the enclosure. |
| <b>Dimensions:</b>    | 2000 × 12 × 3 mm                                                                                          |
| <b>Material:</b>      | CU.                                                                                                       |
| <b>Includes:</b>      | PE busbar, 133 screws/terminals (pre-fitted).                                                             |
| <b>Pack quantity:</b> | 1 pcs.                                                                                                    |

| Description                     | Length  | Item no. |
|---------------------------------|---------|----------|
| PE busbar 12 × 3 with terminals | 2000 mm | NSM2000  |



### PE busbar, NS750

|                       |                                                                                                             |
|-----------------------|-------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | PE-bar in 750 mm length with 50 threaded holes. Terminals, type OKD1, can be used together with the busbar. |
| <b>Dimensions:</b>    | 750 × 12 × 3                                                                                                |
| <b>Material:</b>      | CU.                                                                                                         |
| <b>Includes:</b>      | PE Busbar.                                                                                                  |
| <b>Pack quantity:</b> | 1 pcs.                                                                                                      |

| Description                          | Length | Item no. |
|--------------------------------------|--------|----------|
| PE busbar 12 × 3 with threaded holes | 750    | NS750    |



### Isolator for PE/Neutral busbar, TNS2

|                       |                                                                        |
|-----------------------|------------------------------------------------------------------------|
| <b>Description:</b>   | Isolator for 12 × 3 busbar, to create a neutral or isolated PE busbar. |
| <b>Pack quantity:</b> | 2 pcs of isolators, screws and 1 pc of terminal for 35mm².             |

| Description                    | Item no. |
|--------------------------------|----------|
| Isolator for PE/neutral busbar | TNS2     |



### Connection terminal, OKD1

|                         |                                                         |
|-------------------------|---------------------------------------------------------|
| <b>Description:</b>     | Connection terminal to be used on the copper bar NS750. |
| <b>Connection size:</b> | 1.5 - 16 mm².                                           |
| <b>Includes:</b>        | Connection terminal with including screws.              |
| <b>Pack quantity:</b>   | 25 pcs.                                                 |

| Description                   | Pack quantity | Item no. |
|-------------------------------|---------------|----------|
| Connection terminal for NS750 | 25            | OKD1     |



# General Accessories

## Documents

### Document pocket, DRA

|                       |                                           |
|-----------------------|-------------------------------------------|
| <b>Description:</b>   | Self adhesive, for DIN A4.                |
| <b>Usable depth:</b>  | 30 mm.                                    |
| <b>Material:</b>      | Thermoplastic.                            |
| <b>Finish:</b>        | RAL 7035.                                 |
| <b>Pack quantity:</b> | 1 document pocket with double sided tape. |

| Item no. |
|----------|
| DRA04    |



### Document pockets, DRB

|                       |                                                                                           |
|-----------------------|-------------------------------------------------------------------------------------------|
| <b>Description:</b>   | A large steel document pocket fixed directly onto the door frame.<br>Usable depth: 68 mm. |
| <b>Finish:</b>        | RAL 7035 structured powder coating.                                                       |
| <b>Pack quantity:</b> | 1 piece with mounting accessories.                                                        |

| Description                          | Material          | Item no.  |
|--------------------------------------|-------------------|-----------|
| Universal document pocket 300mm wide | 1.5 mm mild steel | DRB0303R5 |
| For 600 mm doors                     | 1.5 mm mild steel | DRB600R5  |
| For 800 mm doors                     | 1.5 mm mild steel | DRB800R5  |



### Document pockets, DRBS

|                       |                                                                                           |
|-----------------------|-------------------------------------------------------------------------------------------|
| <b>Description:</b>   | A large steel document pocket fixed directly onto the door frame.<br>Usable depth: 68 mm. |
| <b>Finish:</b>        | 400 pre-grained stainless steel.                                                          |
| <b>Pack quantity:</b> | 1 piece with mounting accessories.                                                        |

| Description                           | Material             | Item no.       |
|---------------------------------------|----------------------|----------------|
| Universal document pocket 300 mm wide | Stainless steel 316L | DRBS03030-316L |
| For 800 mm doors                      | Stainless steel 316L | DRBS0800-316L  |
| For 1000 mm doors                     | Stainless steel 316L | DRBS1000-316L  |



# General Accessories

## Busbar 60 mm system

### Universal busbar support

|                                    |                                                                                           |
|------------------------------------|-------------------------------------------------------------------------------------------|
| <b>Description:</b>                | Universal busbar support 3/4-Pole with internal screw holes, delivered without end cover. |
| <b>Rated voltage:</b>              | 690 V                                                                                     |
| <b>Rated frequency:</b>            | 50/60 Hz                                                                                  |
| <b>Rated isolation voltage Ui:</b> | 1000 V                                                                                    |
| <b>Rated surge voltage Uimp:</b>   | 8 kV                                                                                      |
| <b>Approvals:</b>                  | GL, DNV GL                                                                                |

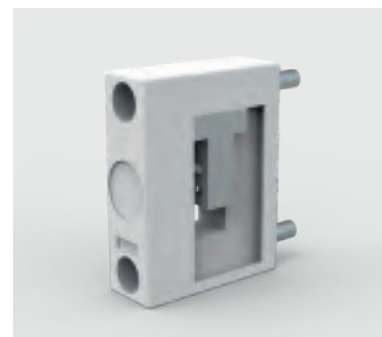
| N° of Poles | Dimensions    | For busbar                 | Pack quantity | Item no. |
|-------------|---------------|----------------------------|---------------|----------|
| 4           | 20 x 242 x 51 | 12, 15, 20, 25, 30 x 5, 11 | 10 pcs.       | 01485    |
| 3           | 20 x 191 x 50 | 12, 15, 20, 25, 30 x 5, 10 | 10 pcs.       | 01495    |



### PE/N busbar support

|                                    |                                                                     |
|------------------------------------|---------------------------------------------------------------------|
| <b>Description:</b>                | PE/N-support. Individually mountable. N-PE connection easy to make. |
| <b>Rated voltage:</b>              | 690 V                                                               |
| <b>Rated isolation voltage Ui:</b> | 1000 V                                                              |
| <b>Rated surge voltage Uimp:</b>   | 6 kV                                                                |
| <b>Short circuit withstand:</b>    | 14 kA (max 400 mm distance between supports)                        |

| N° of Poles | Dimensions    | For busbar                 | Pack quantity | Item no. |
|-------------|---------------|----------------------------|---------------|----------|
| 2           | 20 x 164 x 50 | 12, 15, 20, 25, 30 x 5, 11 | 10 pcs.       | 01356    |
| 1           | 20 x 65 x 50  | 12, 20, 30 x 5, 10         | 1 pcs.        | 01601    |



# General Accessories

## Busbar 60 mm system

### Connection busbar support

|                                                |                                                                                                                                                                     |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>                            | Connection busbar support with integrated terminals (1,5 - 16 mm²) for feeding or tapping the busbar with internal screw holes. May also be used as centre support. |
| <b>Rated voltage:</b>                          | 690 V                                                                                                                                                               |
| <b>Rated current:</b>                          | 63 A                                                                                                                                                                |
| <b>Rated frequency:</b>                        | 50/60 Hz                                                                                                                                                            |
| <b>Rated isolation voltage Ui:</b>             | 1000 V                                                                                                                                                              |
| <b>Rated surge voltage Uimp:</b>               | 6 kV                                                                                                                                                                |
| <b>Short circuit withstand:</b>                | 14 kA (max 400 mm distance between supports)                                                                                                                        |
| <b>Power dissipation 80% of rated current:</b> | 0.5 W                                                                                                                                                               |
| <b>Dimensions:</b>                             | 20 × 202 × 87 mm                                                                                                                                                    |
| <b>Pack quantity:</b>                          | 10 pcs.                                                                                                                                                             |

| N° of Poles | For busbar         | Item no. |
|-------------|--------------------|----------|
| 3           | 12, 20, 30 × 5, 10 | 01484    |



### End cover

|                     |                                                                    |
|---------------------|--------------------------------------------------------------------|
| <b>Description:</b> | End cover for universal busbar supports, to cover the busbar ends. |
|---------------------|--------------------------------------------------------------------|

| For busbar support                | Pack quantity | Item no. |
|-----------------------------------|---------------|----------|
| 01357, 01485                      | 5 pcs.        | 01131    |
| 01356, 01601                      | 10 pcs.       | 01325    |
| 01484, 01495, 01500, 01508, 01603 | 10 pcs.       | 01573    |



# General Accessories

## Busbar 60 mm system

### Copper busbars

|                       |                                                                                         |
|-----------------------|-----------------------------------------------------------------------------------------|
| <b>Description:</b>   | Tin-plated Cu busbars. The Cu busbar is effectively protected against aggressive media. |
| <b>Material:</b>      | Cu-ETP R300 (EN13601), tinned                                                           |
| <b>Length:</b>        | 2400 mm                                                                                 |
| <b>Pack quantity:</b> | 1 pc.                                                                                   |
| <b>Approvals:</b>     | CSA, UL, GL                                                                             |

| Model   | Cross-section       | Current at 30 K | Item no. |
|---------|---------------------|-----------------|----------|
| 12 x 5  | 60 mm <sup>2</sup>  | 200 A           | 01618    |
| 15 x 5  | 75 mm <sup>2</sup>  | 250 A           | 01619    |
| 20 x 5  | 100 mm <sup>2</sup> | 320 A           | 01620    |
| 25 x 5  | 125 mm <sup>2</sup> | 400 A           | 01621    |
| 30 x 5  | 150 mm <sup>2</sup> | 450 A           | 01622    |
| 12 x 10 | 120 mm <sup>2</sup> | 360 A           | 01623    |
| 20 x 10 | 200 mm <sup>2</sup> | 520 A           | 01624    |
| 30 x 10 | 300 mm <sup>2</sup> | 630 A           | 01625    |



### Busbar cover

|                       |                                                                                                                                   |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | Touch protection cover to be used where no component is mounted on the copper busbar. To prevent people from touching the busbar. |
| <b>Length:</b>        | 1000 mm                                                                                                                           |
| <b>Pack quantity:</b> | 10 pcs.                                                                                                                           |
| <b>Approvals:</b>     | CSA, UL, GL                                                                                                                       |

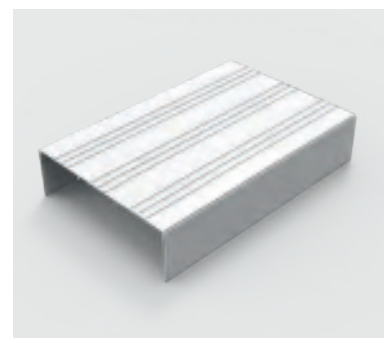
| For busbar   | Item no. |
|--------------|----------|
| 12 - 30 x 5  | 01244    |
| 12 - 30 x 10 | 01245    |



### Cover section

|                       |                                                 |
|-----------------------|-------------------------------------------------|
| <b>Description:</b>   | To cover the 3-pole busbar system in the front. |
| <b>Length:</b>        | 1000 mm                                         |
| <b>Dimensions:</b>    | 700 x 200 x 63                                  |
| <b>Pack quantity:</b> | 2 pcs.                                          |
| <b>Approvals:</b>     | CSA, UL, GL                                     |

| Item no. |
|----------|
| 01025    |





# General Accessories

## Busbar 60 mm system

### Mounting device

|                       |                                                                                             |
|-----------------------|---------------------------------------------------------------------------------------------|
| <b>Description:</b>   | For mounting cover sections, for 3-pole busbar system, to be used with cover section 01025. |
| <b>For busbars:</b>   | 12, 15, 20, 25, 30 × 5, 10                                                                  |
| <b>Dimensions:</b>    | 9 × 196 × 32 mm                                                                             |
| <b>Pack quantity:</b> | 10 pcs.                                                                                     |
| <b>Approvals:</b>     | CSA, UL, GL                                                                                 |

| Item no. |
|----------|
| 01026    |



### Connection terminal plate

|                                                         |                                                    |
|---------------------------------------------------------|----------------------------------------------------|
| <b>Description:</b>                                     | Connection terminal plate, 3-pole, with cover cap. |
| <b>For busbars:</b>                                     | 12, 15, 20, 25, 30 × 5, 10.                        |
| <b>Rated voltage:</b>                                   | 690 V                                              |
| <b>Rated peak withstand current I<sub>pk</sub> max:</b> | 40.5 kA (01240), 56.3 kA (01243)                   |
| <b>Pack quantity:</b>                                   | 1 pc.                                              |
| <b>Approvals:</b>                                       | CSA, UL, GL                                        |

| Width | For use up to max. | Connection                                               | Item no. |
|-------|--------------------|----------------------------------------------------------|----------|
| 54    | 300 A              | 6 - 50 mm <sup>2</sup> , lam. Cu. 7 × 4 ... 9 × 10       | 01240    |
| 81    | 440 A              | 35 - 120 mm <sup>2</sup> , lam. Cu. 12 × 4 ... 15.5 × 10 | 01243    |



### Connection terminal plate for higher currents

|                       |                                                    |
|-----------------------|----------------------------------------------------|
| <b>Description:</b>   | Connection terminal plate, 3-pole, with cover cap. |
| <b>For busbars:</b>   | 20, 25, 30 × 5, 10                                 |
| <b>Rated voltage:</b> | 690 V.                                             |
| <b>Width:</b>         | 135                                                |
| <b>Pack quantity:</b> | 1 pc.                                              |
| <b>Approvals:</b>     | GL                                                 |

| For use up to max. | Connection                 | Item no. |
|--------------------|----------------------------|----------|
| 460 A              | 95 - 185 mm <sup>2</sup>   | 01199    |
| 800 A              | lam.Cu. 20 × 3 ... 32 × 15 | 01753    |
| 560 A              | 95 - 300 mm <sup>2</sup>   | 01754    |



# General Accessories

## Busbar 60 mm system

# 07

General Accessories

## Connection set

|                       |                                           |
|-----------------------|-------------------------------------------|
| <b>Description:</b>   | Connection set, 3-pole without cover cap. |
| <b>Rated voltage:</b> | 690 V                                     |
| <b>Width:</b>         | 153                                       |
| <b>Pack quantity:</b> | 1 pc.                                     |
| <b>Approvals:</b>     | CSA, UL, GL                               |

| For use up to max. | Connection                 | Item no. |
|--------------------|----------------------------|----------|
| 560 A              | 95 - 300 mm <sup>2</sup>   | 01537    |
| 800 A              | lam.Cu. 20 × 3 ... 32 × 15 | 01538    |



## Universal connection terminal

|                       |                                                                                                                 |
|-----------------------|-----------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | Universal conductor terminal with integrated holding spring, a captive clamping screw, and open terminal space. |
| <b>Rated voltage:</b> | 690 V                                                                                                           |
| <b>Approvals:</b>     | CSA, UL, GL, DNV-GL                                                                                             |

| For use up to max. | Terminal space W × H (mm) | Connection min-max       | For busbar         | Pack quantity | Item no. |
|--------------------|---------------------------|--------------------------|--------------------|---------------|----------|
| 440 A              | 17 × 15                   | 16 - 120 mm <sup>2</sup> | flat busbars 5 mm  | 25 pcs.       | 01068    |
| 440 A              | 17 × 15                   | 16 - 120 mm <sup>2</sup> | flat busbars 10 mm | 25 pcs.       | 01203    |
| 180 A              | 7.5 × 7.5                 | 1.5 - 16 mm <sup>2</sup> | flat busbars 5 mm  | 100 pcs.      | 01284    |
| 270 A              | 10.5 × 11                 | 4 - 35 mm <sup>2</sup>   | flat busbars 5 mm  | 50 pcs.       | 01285    |
| 400 A              | 14 × 14                   | 16 - 70 mm <sup>2</sup>  | flat busbars 5 mm  | 25 pcs.       | 01287    |
| 180 A              | 7.5 × 7.5                 | 1.5 - 16 mm <sup>2</sup> | flat busbars 10 mm | 100 pcs.      | 01289    |
| 270 A              | 10.5 × 11                 | 4 - 35 mm <sup>2</sup>   | flat busbars 10 mm | 50 pcs.       | 01290    |
| 400 A              | 14 × 14                   | 16 - 70 mm <sup>2</sup>  | flat busbars 10 mm | 25 pcs.       | 01292    |



## Brace terminals

|                       |                                                                                                                                                                                                                       |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | Brace terminal, up to 300mm <sup>2</sup> , for round conductors. Terminal with captive clamping screws, conductor can be overlapped. Indication of nominal cross-section and tightening torque noted on the terminal. |
| <b>Rated voltage:</b> | 690 V                                                                                                                                                                                                                 |
| <b>Approvals:</b>     | UL                                                                                                                                                                                                                    |

| For use up to max. | Connection min-max                                     | For busbar         | Pack quantity | Item no. |
|--------------------|--------------------------------------------------------|--------------------|---------------|----------|
| 480 A              | 35 - 150 mm <sup>2</sup> , lam. Cu. 15 × 5 ... 20 × 10 | 12, 15, 20 × 5, 10 | 6 pcs.        | 01135    |
| 500 A              | Cu / Al 95 - 185 mm <sup>2</sup>                       | 20, 25, 30 × 5, 10 | 6 pcs.        | 01318    |
| 600 A              | Cu / Al 95 - 300 mm <sup>2</sup>                       | 20, 25, 30 × 5, 10 | 3 pcs.        | 01760    |



7

# General Accessories

## Busbar 60 mm system

### Brace terminals, flat

**Description:** Terminal for flat conductors with captive clamping screws, conductor can be overlapped, indication of nominal cross-section and tightening torque noted on the terminal. Contact between conductor and busbar via contact block.

**Rated voltage:** 690 V

**For busbars:** 20, 25, 30 × 5, 10

**Approvals:** UL, GL, DNV-GL

| Connection min-max                    | End feed | Center feed | Pack quantity | Item no. |
|---------------------------------------|----------|-------------|---------------|----------|
| lam.Cu from 3 × 20 × 1 to 10 × 24 × 1 | 630 A    | 750 A       | 6 pcs.        | 01319    |
| lam.Cu from 3 × 20 × 1 to 10 × 32 × 1 | 630 A    | 800 A       | 3 pcs.        | 01759    |



### Cover cap

**Description:** Cover cap, 3-pole. May also be used as a reserve section cover.

**Approvals:** CSA, UL, GL, DNV-GL

| Dimensions     | For busbar                  | Pack quantity | Item no. |
|----------------|-----------------------------|---------------|----------|
| 84 × 200 × 55  | 12, 15, 20, 25, 30 × 5 × 10 | 10 pcs.       | 01413    |
| 180 × 200 × 90 | 12, 15, 20, 25, 30 × 5 × 10 | 1 pc.         | 01539    |
| 250 × 200 × 90 | 12, 15, 20, 25, 30 × 5 × 10 | 1 pc.         | 01540    |
| 54 × 200 × 55  | 12, 15, 20, 25, 30 × 5 × 10 | 1 pc.         | 01590    |
| 228 × 200 × 90 | 12, 15, 20, 25, 30 × 5 × 10 | 1 pc.         | 01596    |
| 135 × 200 × 90 | 20, 25, 30 × 5 × 10         | 1 pc.         | 01756    |



### Busbar adapter 25A with cables

**Description:** Busbar adapter 25 A. With two adjustable mounting rails. With removable upper section and leads (4 mm<sup>2</sup>).

**Rated voltage:** 690 V

**Rated current:** 25 A

**For busbars:** 12, 15, 20, 25, 30 × 5, 10

**Power dissipation at 80% load:** 1.7 W

**Poles:** 3-pole

**Dimensions:** 45 × 200 × 75 mm

**Pack quantity:** 1 pc.

**Approvals:** CSA, UL, GL

| Item no. |
|----------|
| 32400    |



# General Accessories

## Busbar 60 mm system

### Busbar adapter 32A, with cables and 2 mounting rails

|                                       |                                                                                                          |
|---------------------------------------|----------------------------------------------------------------------------------------------------------|
| <b>Description:</b>                   | Busbar adapter 32 A. With two adjustable mounting rails. With removable upper section and leads (6 mm²). |
| <b>Rated voltage:</b>                 | 690 V                                                                                                    |
| <b>Rated current:</b>                 | 32 A                                                                                                     |
| <b>For busbars:</b>                   | 12, 15, 20, 25, 30 × 5, 10                                                                               |
| <b>Power dissipation at 80% load:</b> | 2.2 W                                                                                                    |
| <b>Poles:</b>                         | 3-pole                                                                                                   |
| <b>Dimensions:</b>                    | 54 × 200 × 75 mm                                                                                         |
| <b>Pack quantity:</b>                 | 1 pc.                                                                                                    |
| <b>Approvals:</b>                     | CSA, UL, GL                                                                                              |
|                                       |                                                                                                          |
| <b>Item no.</b>                       |                                                                                                          |
| 32404                                 |                                                                                                          |



### Busbar adapter 45A, with cables

|                                       |                                                                                                           |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Description:</b>                   | Busbar adapter 45 A. With two adjustable mounting rails. With removable upper section and leads (10 mm²). |
| <b>Rated voltage:</b>                 | 690 V                                                                                                     |
| <b>Rated current:</b>                 | 45 A                                                                                                      |
| <b>For busbars:</b>                   | 12, 15, 20, 25, 30 × 5, 10                                                                                |
| <b>Power dissipation at 80% load:</b> | 3.5 W                                                                                                     |
| <b>Poles:</b>                         | 3-pole                                                                                                    |
| <b>Dimensions:</b>                    | 54 × 200 × 75 mm                                                                                          |
| <b>Pack quantity:</b>                 | 1 pc.                                                                                                     |
| <b>Approvals:</b>                     | CSA, UL, GL                                                                                               |
|                                       |                                                                                                           |
| <b>Item no.</b>                       |                                                                                                           |
| 32412                                 |                                                                                                           |



### Mounting rail

|                       |                                    |
|-----------------------|------------------------------------|
| <b>Description:</b>   | Mounting rail for busbar adapters. |
| <b>Pack quantity:</b> | 10 pcs.                            |
| <b>Approvals:</b>     | CSA, UL, GL                        |
|                       |                                    |
| <b>Type</b>           | <b>Item no.</b>                    |
| Rail 45 mm            | 32947                              |
| Rail 54 mm            | 32948                              |
| Rail 63 mm            | 32949                              |
| Rail 72 mm            | 32950                              |
| Rail 81 mm            | 32951                              |



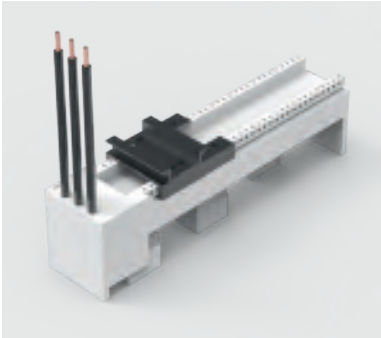
# General Accessories

## Busbar 60 mm system

### Busbar adapter 25A, with cables

|                                       |                                                                                          |
|---------------------------------------|------------------------------------------------------------------------------------------|
| <b>Description:</b>                   | Busbar adapter 25 A. With one adjustable mounting rail. With leads (4 mm <sup>2</sup> ). |
| <b>Rated voltage:</b>                 | 690 V                                                                                    |
| <b>Rated current:</b>                 | 25 A                                                                                     |
| <b>For busbars:</b>                   | 12, 15, 20, 25, 30 × 5, 10                                                               |
| <b>Power dissipation at 80% load:</b> | 1.2 W                                                                                    |
| <b>Poles:</b>                         | 3-pole                                                                                   |
| <b>Dimensions:</b>                    | 45 × 200 × 63 mm                                                                         |
| <b>Pack quantity:</b>                 | 1 pc.                                                                                    |
| <b>Approvals:</b>                     | CSA, UL, GL                                                                              |

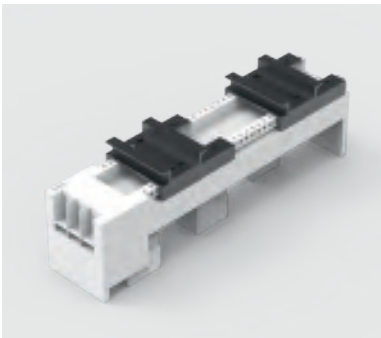
|                 |
|-----------------|
| <b>Item no.</b> |
| 32430           |



### Busbar adapter 25A, without cables

|                                       |                                                                                                                |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>                   | Busbar adapter 25 A. With two adjustable mounting rails. With screw terminals 6 mm <sup>2</sup> from the rear. |
| <b>Rated voltage:</b>                 | 690 V                                                                                                          |
| <b>Rated current:</b>                 | 25 A                                                                                                           |
| <b>For busbars:</b>                   | 12, 15, 20, 25, 30 × 5, 10                                                                                     |
| <b>Power dissipation at 80% load:</b> | 1.2 W                                                                                                          |
| <b>Poles:</b>                         | 3-pole                                                                                                         |
| <b>Dimensions:</b>                    | 45 × 200 × 63 mm                                                                                               |
| <b>Pack quantity:</b>                 | 1 pc.                                                                                                          |
| <b>Approvals:</b>                     | CSA, UL, GL                                                                                                    |

|                 |
|-----------------|
| <b>Item no.</b> |
| 32436           |



# General Accessories

## Busbar 60 mm system

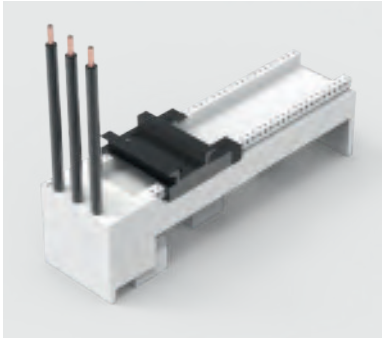
# 07

General Accessories

### Busbar adapter 32A, with cables and 1 mounting rail

|                                       |                                                                                     |
|---------------------------------------|-------------------------------------------------------------------------------------|
| <b>Description:</b>                   | Busbar adapter 32 A. With adjustable mounting rails. With leads 6 mm <sup>2</sup> . |
| <b>Rated voltage:</b>                 | 690 V                                                                               |
| <b>Rated current:</b>                 | 32 A                                                                                |
| <b>For busbars:</b>                   | 12, 15, 20, 25, 30 × 5, 10                                                          |
| <b>Power dissipation at 80% load:</b> | 1.5 W                                                                               |
| <b>Poles:</b>                         | 3-pole                                                                              |
| <b>Pack quantity:</b>                 | 1 pc.                                                                               |
| <b>Approvals:</b>                     | CSA, UL, GL                                                                         |

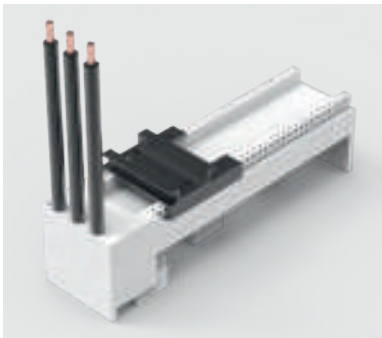
| Width | Mounting Rails | Item no. |
|-------|----------------|----------|
| 54    | 1 pcs.         | 32441    |
| 63    | 1 pcs.         | 32443    |
| 81    | 2 pcs.         | 32446    |



### Busbar adapter 63A, with cables

|                                       |                                                                                          |
|---------------------------------------|------------------------------------------------------------------------------------------|
| <b>Description:</b>                   | Busbar adapter 63 A. With one adjustable mounting rail. With cables 10 mm <sup>2</sup> . |
| <b>Rated voltage:</b>                 | 690 V                                                                                    |
| <b>Rated current:</b>                 | 63 A                                                                                     |
| <b>For busbars:</b>                   | 12, 15, 20, 25, 30 × 5, 10                                                               |
| <b>Power dissipation at 80% load:</b> | 4.4 W                                                                                    |
| <b>Poles:</b>                         | 3-pole                                                                                   |
| <b>Pack quantity:</b>                 | 1 pc.                                                                                    |
| <b>Approvals:</b>                     | CSA, UL, GL                                                                              |

| Width | Item no. |
|-------|----------|
| 54    | 32454    |
| 63    | 32456    |
| 72    | 32457    |



# General Accessories

## Busbar 60 mm system

### Busbar adapter 80A, without cables

|                                       |                                                                                                                     |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>                   | Busbar adapter 80 A. With one adjustable mounting rail. With terminals 16 mm <sup>2</sup> , operated from the back. |
| <b>Rated voltage:</b>                 | 690 V                                                                                                               |
| <b>Rated current:</b>                 | 80 A                                                                                                                |
| <b>For busbars:</b>                   | 12, 15, 20, 25, 30 × 5, 10                                                                                          |
| <b>Power dissipation at 80% load:</b> | 6 W                                                                                                                 |
| <b>Poles:</b>                         | 3-pole                                                                                                              |
| <b>Pack quantity:</b>                 | 1 pc.                                                                                                               |
| <b>Approvals:</b>                     | CSA, UL, GL                                                                                                         |

| Width | Item no. |
|-------|----------|
| 54    | 32466    |
| 72    | 32469    |



### Busbar adapter 32A, without cables

|                                       |                                                                                                                         |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>                   | Busbar adapter 32 A. With one adjustable mounting rail. Without cables, with spring terminals 1.5 - 6 mm <sup>2</sup> . |
| <b>Rated voltage:</b>                 | 690 V                                                                                                                   |
| <b>Rated current:</b>                 | 32 A                                                                                                                    |
| <b>For busbars:</b>                   | 12, 15, 20, 25, 30 × 5, 10                                                                                              |
| <b>Power dissipation at 80% load:</b> | 1.6 W                                                                                                                   |
| <b>Poles:</b>                         | 3-pole                                                                                                                  |
| <b>Pack quantity:</b>                 | 1 pcs.                                                                                                                  |

| Width | Item no. |
|-------|----------|
| 45    | 32486    |





## General Accessories

### Busbar 60 mm system

# 07

General Accessories

### Busbar adapter 80A, without cables with spring terminals

|                                       |                                                                                                                          |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>                   | Busbar adapter 80 A. With one adjustable mounting rail. Without cables, with spring terminals 1.5 - 16 mm <sup>2</sup> . |
| <b>Rated voltage:</b>                 | 690 V                                                                                                                    |
| <b>Rated current:</b>                 | 80 A                                                                                                                     |
| <b>For busbars:</b>                   | 12, 15, 20, 25, 30 x 5, 10                                                                                               |
| <b>Power dissipation at 80% load:</b> | 6 W                                                                                                                      |
| <b>Poles:</b>                         | 3-pole                                                                                                                   |
| <b>Pack quantity:</b>                 | 1 pc.                                                                                                                    |

| Width | Item no. |
|-------|----------|
| 45    | 32486    |



### Side mounted module

|                       |                                                                     |
|-----------------------|---------------------------------------------------------------------|
| <b>Description:</b>   | Side-mounted module for busbar adapters, attachable to either side. |
| <b>Dimensions:</b>    | 9 x 200 x 63 mm                                                     |
| <b>Pack quantity:</b> | 10 pcs.                                                             |
| <b>Approvals:</b>     | GL                                                                  |

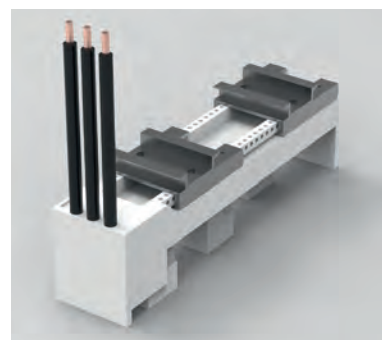
| Item no. |
|----------|
| 32963    |



### Busbar adapter, 32A with cables

|                                       |                                                                                                     |
|---------------------------------------|-----------------------------------------------------------------------------------------------------|
| <b>Description:</b>                   | Busbar adapter, 32 A. With cables 6 mm <sup>2</sup> . Adapted to the breaker manufacturer's design. |
| <b>Rated voltage:</b>                 | 690 V                                                                                               |
| <b>Rated current:</b>                 | 32 A                                                                                                |
| <b>For busbars:</b>                   | 12, 15, 20, 25, 30 x 5, 10                                                                          |
| <b>Power dissipation at 80% load:</b> | 1,6 W                                                                                               |
| <b>Width:</b>                         | 45 mm                                                                                               |
| <b>Pack quantity:</b>                 | 1 pc.                                                                                               |
| <b>Approvals:</b>                     | GL                                                                                                  |

| Type                                                | Item no. |
|-----------------------------------------------------|----------|
| For direct starter Schneider Electric LUB12/32      | 32427    |
| For direct starter Schneider Electric GV2-M/P       | 32434    |
| For direct starter ABB MS116/132                    | 32498    |
| For direct starter Siemens S0 with screw connection | 32639    |



# General Accessories

## Busbar 60 mm system

### Busbar adapter 160A

| <b>Description:</b>                   | 3-pole busbar adapter 160 A, adapted to the component manufacturer's design.                  |               |          |
|---------------------------------------|-----------------------------------------------------------------------------------------------|---------------|----------|
| <b>Rated voltage:</b>                 | 690 V                                                                                         |               |          |
| <b>For busbars:</b>                   | 12, 15, 20, 25, 30 × 5, 10                                                                    |               |          |
| <b>Power dissipation at 80% load:</b> | 7.7 W                                                                                         |               |          |
| <b>Pack quantity:</b>                 | 1 pc.                                                                                         |               |          |
| Width                                 | Type                                                                                          | Rated current | Item no. |
| 90                                    | For ABB T-max T1, XT1,T2,XT2,GE FD160, Schneider el.NS80, NSX80, top connection to the system | 160 A         | 32575    |
| 76                                    | For Siemens 3VA10,11 and 3VT160, top connection to the system                                 | 144 A         | 32660    |



### Busbar adapter 250A

| <b>Description:</b>                       | 3-pole busbar adapter 250 A, adapted to the component manufacturer's design. |          |  |
|-------------------------------------------|------------------------------------------------------------------------------|----------|--|
| <b>Rated voltage:</b>                     | 690 V                                                                        |          |  |
| <b>Rated current:</b>                     | 250 A                                                                        |          |  |
| <b>For busbars:</b>                       | 12, 15, 20, 25, 30 × 5, 10                                                   |          |  |
| <b>Power dissipation at 80% load:</b>     | 26.1 W (32023), 10 W (32156)                                                 |          |  |
| <b>Width:</b>                             | 105 mm                                                                       |          |  |
| <b>Height:</b>                            | 190 mm                                                                       |          |  |
| <b>Pack quantity:</b>                     | 1 pc.                                                                        |          |  |
| <b>Approvals:</b>                         | CSA,UL,GL                                                                    |          |  |
| Type                                      |                                                                              | Item no. |  |
| For ABB T - max XT4                       |                                                                              | 32023    |  |
| For Schneider Electric NSX100-NSX250, GV7 |                                                                              | 32156    |  |



# General Accessories

## Busbar 60 mm system

### Universal busbar adapter, 200-250A

|                                       |                                                                                                                                          |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>                   | 3-pole universal busbar adapter 200 - 250 A, with movable fastening rails with M4 slide nuts for safe mounting of the switching devices. |
| <b>Rated voltage:</b>                 | 690 V                                                                                                                                    |
| <b>For busbars:</b>                   | 12, 15, 20, 25, 30 × 5, 10                                                                                                               |
| <b>Power dissipation at 80% load:</b> | 10.6 W (32214), 22.2 W (32168)                                                                                                           |
| <b>Pack quantity:</b>                 | 1 pc.                                                                                                                                    |
| <b>Approvals:</b>                     | CSA,UL,GL DNV GL                                                                                                                         |

| Height | Width | Connection                   | Rated current | Item no. |
|--------|-------|------------------------------|---------------|----------|
| 320    | 110   | Terminals 35 - 120 mm at top | 250 A         | 32168    |
| 222    | 108   | Terminals 70 mm² at top      | 200 A         | 32214    |



### NH fuse-switch disconnecter

|                       |                                                                                                    |
|-----------------------|----------------------------------------------------------------------------------------------------|
| <b>Description:</b>   | 3-pole NH bus-mounting fuse switch with disconnecter, size 000 to 3, connection at top and bottom. |
| <b>Rated voltage:</b> | 690 V                                                                                              |
| <b>For busbars:</b>   | 12, 15, 20, 25, 30 × 5, 10*                                                                        |
| <b>Pack quantity:</b> | 1 pc.                                                                                              |
| <b>Approvals:</b>     | IEC, GL, VDE, DNV GL                                                                               |

| Height | Width | Connection   | Size   | Rated current | Item no. |
|--------|-------|--------------|--------|---------------|----------|
| 200    | 106   | box terminal | NH 00  | 160 A         | 33198    |
| 200    | 89    | box terminal | NH 000 | 125 A         | 33216    |
| 200    | 106   | Screw M8     | NH 00  | 160 A         | 33398    |
| 243    | 184   | Screw M10    | NH 1   | 250 A         | 33601    |
| 288    | 210   | Screw M10    | NH 2   | 400 A         | 33602    |
| 300    | 256   | Screw M12    | NH 3   | 630 A         | 33603    |

\*For size 2, a conversion kit, 33148, is required for mounting on 5mm busbars. Size 3 is not suitable for 5mm busbars.



# General Accessories

## Busbar 60 mm system

### NH switch disconnecter with fuses

|                                       |                                                                                                                               |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>                   | 3-pole NH switch disconnecter with fuses. With multifunction handle (snap action switch mechanism). Connection at the bottom. |
| <b>Rated voltage:</b>                 | 690 V                                                                                                                         |
| <b>For busbars:</b>                   | 12, 15, 20, 25, 30 × 5, 10                                                                                                    |
| <b>Power dissipation at 80% load:</b> | 18.6 W(33500), 52.5 W (33510)                                                                                                 |
| <b>Pack quantity:</b>                 | 1 pc.                                                                                                                         |
| <b>Approvals:</b>                     | IEC, VDE, DNV GL                                                                                                              |

| Height | Width | Connection   | Size  | Rated current | Item no. |
|--------|-------|--------------|-------|---------------|----------|
| 200    | 106   | box terminal | NH 00 | 125 A         | 33500    |
| 286    | 184   | Screw M10    | 1     | 250 A         | 33510    |



### Switch disconnecter

|                                       |                                                                                                                 |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>                   | 3-pole switch disconnecter. With multifunction handle (snap action switch mechanism). Connection at the bottom. |
| <b>Rated voltage:</b>                 | 690 V                                                                                                           |
| <b>For busbars:</b>                   | 12, 15, 20, 25, 30 × 5, 10                                                                                      |
| <b>Power dissipation at 80% load:</b> | 26,7 W                                                                                                          |
| <b>Pack quantity:</b>                 | 1 pc.                                                                                                           |
| <b>Approvals:</b>                     | IEC, VDE, DNV GL                                                                                                |

| Height | Width | Connection   | Rated current | Item no. |
|--------|-------|--------------|---------------|----------|
| 200    | 106   | box terminal | 160 A         | 33540    |



# General Accessories

## Busbar CrossBoard

07

General Accessories

### CrossBoard mounting platform

|                                       |                                                                                                                        |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>                   | 3-pole modular power distribution system, with touch safe protection. Mounting platform for all CrossBoard components. |
| <b>Rated voltage:</b>                 | 690 V.                                                                                                                 |
| <b>Rated current:</b>                 | 125 A.                                                                                                                 |
| <b>Power dissipation at 80% load:</b> | 3.4 W (11225), 6 W (11405).                                                                                            |
| <b>Pack quantity:</b>                 | 1 pc.                                                                                                                  |
| <b>Approvals:</b>                     | IEC, UL.                                                                                                               |

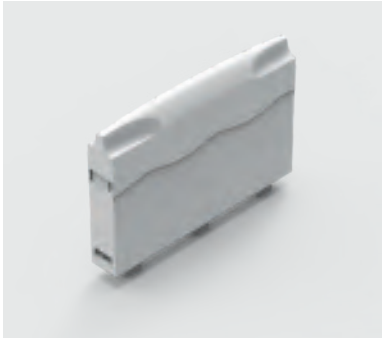
| Height | Width | Item no. |
|--------|-------|----------|
| 160    | 225   | 11225    |
| 160    | 405   | 11405    |



### CrossBoard connection module

|                                       |                                                                                                                               |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| <b>Description:</b>                   | Connection module 16 mm <sup>2</sup> , 3-pole with integrated spring terminals 1.5 - 16 mm <sup>2</sup> . Cover cap included. |
| <b>Rated voltage:</b>                 | 690 V                                                                                                                         |
| <b>Rated current:</b>                 | 63 A                                                                                                                          |
| <b>Power dissipation at 80% load:</b> | 2.9 W                                                                                                                         |
| <b>Dimensions:</b>                    | 22.5 × 160 × 115 mm                                                                                                           |
| <b>Pack quantity:</b>                 | 1 pc.                                                                                                                         |
| <b>Approvals:</b>                     | IEC,UL                                                                                                                        |

| Item no. |
|----------|
| 01592    |



# General Accessories

## Busbar CrossBoard

### CrossBoard Adapter Slim

|                                       |                                                                                                           |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Description:</b>                   | 3 pole adapter, 16 A. One fixed mounting rail, with fuse-carrier 10 × 38 / Class CC. With cables 2.5 mm². |
| <b>Rated voltage:</b>                 | 690 V                                                                                                     |
| <b>Rated current:</b>                 | 16 A                                                                                                      |
| <b>Power dissipation at 80% load:</b> | 2.6 W                                                                                                     |
| <b>Dimensions:</b>                    | 22.5 × 160 × 85 mm                                                                                        |
| <b>Pack quantity:</b>                 | 1 pc.                                                                                                     |
| <b>Approvals:</b>                     | IEC,UL                                                                                                    |
|                                       |                                                                                                           |
| <b>Item no.</b>                       |                                                                                                           |
| 36009                                 |                                                                                                           |



### CrossBoard Adapter Basic

|                            |                                                                                           |                 |
|----------------------------|-------------------------------------------------------------------------------------------|-----------------|
| <b>Description:</b>        | 3 pole adapter. One fixed mounting rail. For compact mounting of complete motor circuits. |                 |
| <b>Rated voltage:</b>      | 690 V                                                                                     |                 |
| <b>Dimensions:</b>         | 45 × 160 × 45 mm                                                                          |                 |
| <b>Pack quantity:</b>      | 1 pc.                                                                                     |                 |
| <b>Approvals:</b>          | IEC, UL                                                                                   |                 |
| <b>Cable diameter (mm)</b> | <b>Rated current</b>                                                                      | <b>Item no.</b> |
| 2.5 mm <sup>2</sup>        | 16 A                                                                                      | 32666           |
| 6 mm <sup>2</sup>          | 32 A                                                                                      | 32682           |



# General Accessories

## Busbar CrossBoard

07

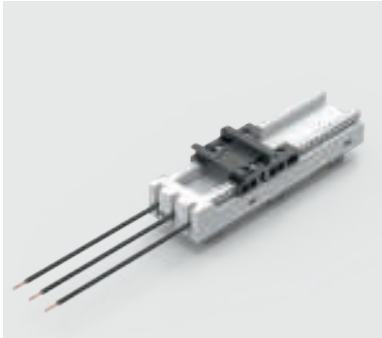
General Accessories

### CrossBoard Adapter Comfort

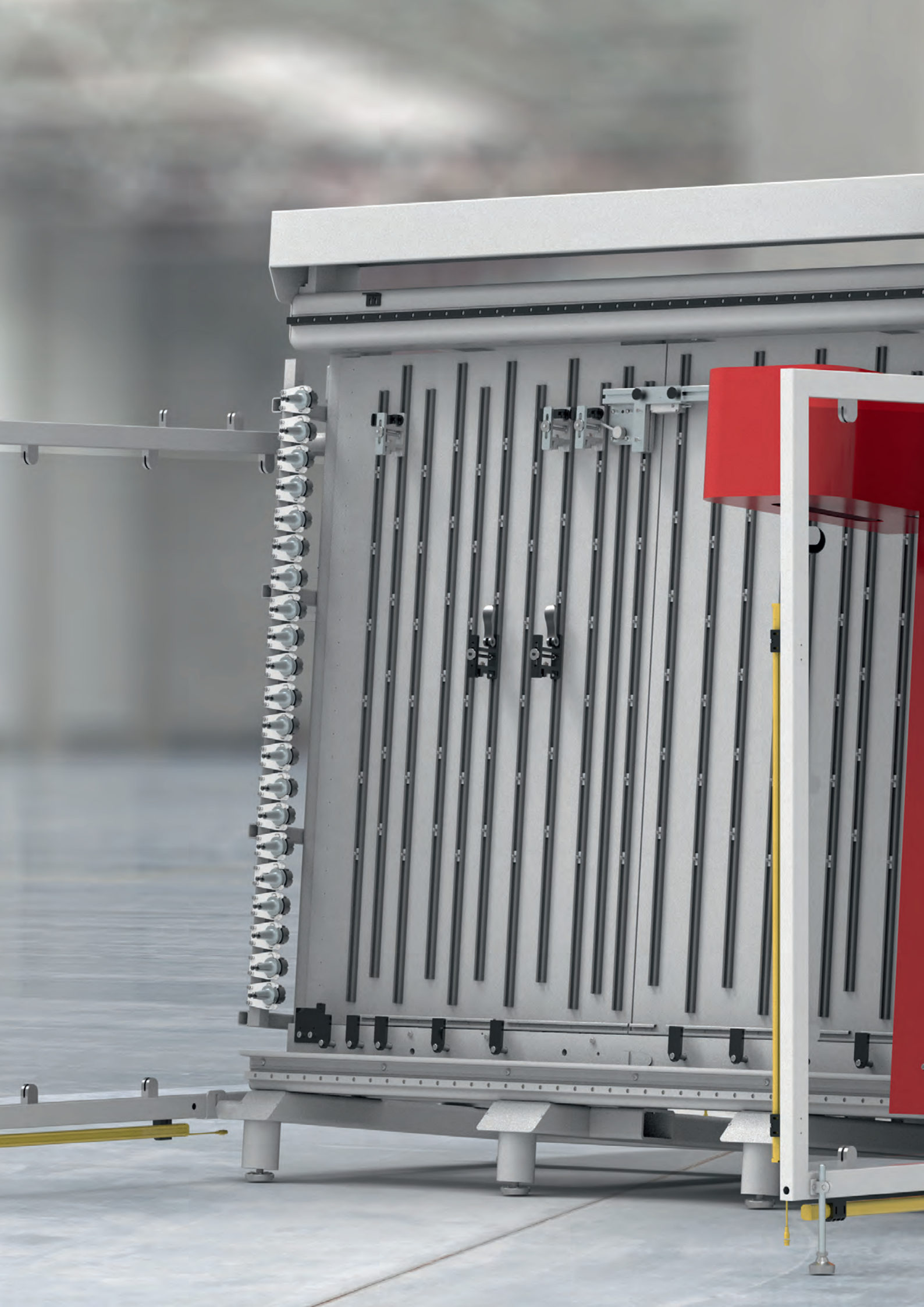
- Description:** 3 pole adapter. One fixed mounting rail. For compact mounting of complete motor circuits Adapters are equiped with cables.
- Rated voltage:** 690 V
- Dimensions:** 45 × 160 × 45 mm
- Pack quantity:** 1 pc.
- Approvals:** IEC,UL

| Cable diameter (mm) | Rated current | Item no. |
|---------------------|---------------|----------|
| 2.5 mm <sup>2</sup> | 16 A          | 32668    |
| 2.5 mm <sup>2</sup> | 25 A          | 32676    |
| 6 mm <sup>2</sup>   | 32 A          | 32684    |
| 10 mm <sup>2</sup>  | 45 A          | 32692    |

For more bus-bar products please contact your nVent HOFFMAN sales representative.





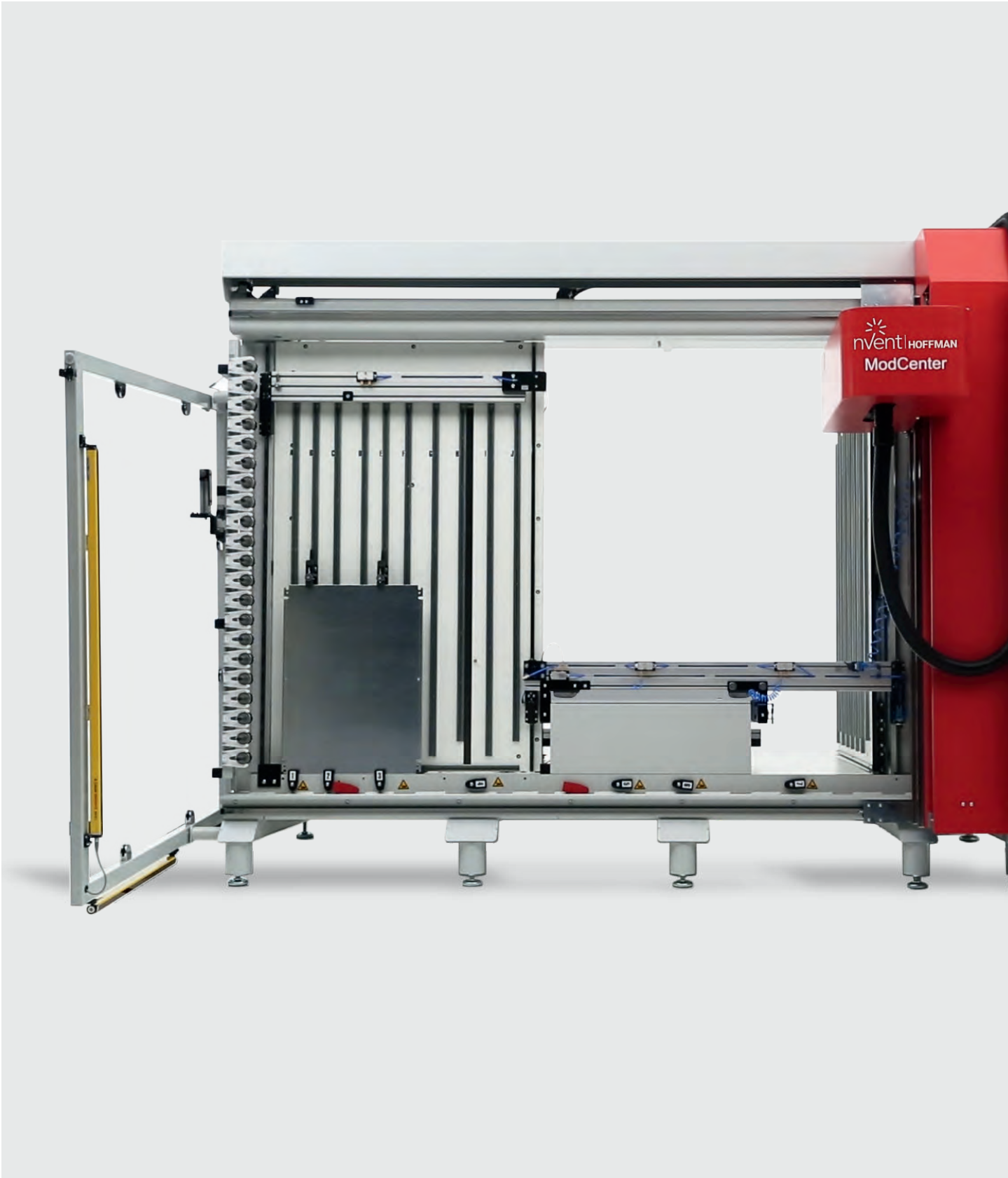




## 08 Panel Shop Automation

|                                           |     |
|-------------------------------------------|-----|
| Enclosure modification centers.....       | 632 |
| Rail and cable duct cutting machines..... | 634 |
| Wire processing machines.....             | 636 |

**Panel Shop Automation**  
**Enclosure modification centers**  
**Modcenter**





**Description:**

The ModCenter optimizes the machining of enclosures with cut-outs, drill-holes and threaded holes to boost your productivity. The fixation system of the ModCenter allows for placement of one or multiple enclosures, panels and mounting plates in multiple kind of materials. The ModCenter is available in four versions depending on the size of the machinable surfaces and each version is available in a Siemens or Beckhoff control system.

**Human Machine Interface:**

Modern operating solution with 21" screen, industrial PC with Intel i5 processor and Windows 10 64-bit operating system.

**Tools:**

All ModCenters have an automatic tool changing system that accommodates 12 tools and optionally up to 21 tools. The lubrication system extends the lifetime of the tools and is environment friendly as the lubricant is water based.

**Fixation:**

The fixation system has 7 automatic rotary clamps at the bottom and mechanical quick clamps at the top for securing panels and mounting plates. Enclosures are positioned with a synchronized motorized depth adjustment system and are secured with pneumatic fixations pillows allowing for ergonomic and force-free loading of small to large enclosures.

**Machinable material:**

Mild steel, stainless steel, copper, aluminum, PVC, polycarbonate, ABS, GRP and regardless if any of these are powder coated.

**Machine software:**

Ares Commander CAD is an intuitive programming system for the ModCenter available on the console or any other PC in the company network. The software includes a library with enclosures and symbols to make drawings fast and easily, to be automatically converted to machine code.

**Interface:**

Projects generated with almost all available CAD and E-planning systems in the market can be processed directly on the machine software, using .DXF or .DWG files.

**Rated voltage:**

400 V, 3~, 50/60 Hz.

**Rated current:**

32 A.

**Compressed air:**

6-8 bar, suction capacity 300 l/min.

| N° of doors | Machinable enclosures, all sides |            | Machinable panels and mounting plates |            | Machine footprint |        | Item no. |
|-------------|----------------------------------|------------|---------------------------------------|------------|-------------------|--------|----------|
|             | H (mm)                           | W (mm)     | H (mm)                                | W (mm)     | W (mm)            | D (mm) |          |
| 1           | Up to 1600                       | Up to 1250 | Up to 1650                            | Up to 2400 | 3524              | 4500   | MODC163B |
| 1           | Up to 1600                       | Up to 1250 | Up to 1650                            | Up to 2400 | 3524              | 4500   | MODC163S |
| 2           | Up to 1600                       | Up to 2200 | Up to 1600                            | Up to 2400 | 3524              | 4500   | MODC263B |
| 2           | Up to 1600                       | Up to 2200 | Up to 1600                            | Up to 2400 | 3524              | 4500   | MODC263S |
| 2           | Up to 2060                       | Up to 2200 | Up to 2020                            | Up to 2400 | 4128              | 4500   | MODC280B |
| 2           | Up to 2060                       | Up to 2200 | Up to 2020                            | Up to 2400 | 4128              | 4500   | MODC280S |
| 2           | Up to 2380                       | Up to 2200 | Up to 2340                            | Up to 2400 | 4128              | 4500   | MODC293B |
| 2           | Up to 2380                       | Up to 2200 | Up to 2340                            | Up to 2400 | 4128              | 4500   | MODC293S |

Add U at the end of the item no. for UL approved ModCenters.

# Panel Shop Automation

## Rail and cable duct processing machines

### Cutting machine | NCCUT



**Description:**

The NCCUT semi-automated machine optimizes cutting of DIN rails and cable ducts to boost your labour productivity and minimize the cutting waste. Machine software imports the already created panel layout, generates a simplified cut list and guides the operator through the complete process. Motorized end-stop eliminates manual measuring and avoids potential human error. Suitable for one-off production, serial production, or prefabrication for future use.

**Human Machine Interface:**

Modern operating solution with 19" touchscreen, keyboard with trackball and PC with Windows 10 64-bit operating system.

**Printer:**

Labels are printed to identify each produced part to ensure a fast and reliable panel assembly.

**Machinable material:**

Cable duct up to a width of 125 mm. DIN rails NS 15, NS 35/7,5 and NS 35/15 (according to EN 60 715). Busbars NLS-CU 3/10. Cutting length of cable ducts, DIN rails and busbars is limited between 140 mm and 2200 mm.

**Accuracy:**

Precise cutting with a tolerance of 0.5 mm.

**Machine software:**

Software included for intuitive programming.

**Interface:**

Projects generated with almost all available CAD and E-planning systems in the market can be processed directly on the machine software, using .CSV or .TXT files with the list of parts can be imported directly on the machine software.

**Rated voltage:**

240 V, 1~, 50 Hz.

**Rated current:**

8 / 16 A.



| Description                             | Machine footprint |        | Item no.  |
|-----------------------------------------|-------------------|--------|-----------|
|                                         | W (mm)            | D (mm) |           |
| DIN rail and cable duct cutting machine | 4216              | 900    | NCCUT2000 |

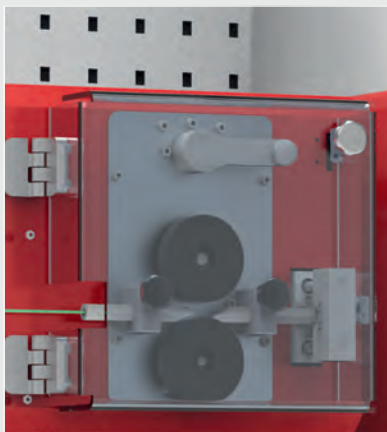
# Panel Shop Automation

## Wire processing machines

### Modular wire workstation | PWA1000





**Description:**

The Modular Wire Workstation allows to combine several options including a wire magazine, machines for cutting, stripping and crimping, and a printer for wire labels and storage produced wires. Suitable for one-off production ideal for direct use in the panel shop or prefabrication for future use.

**Human Machine Interface:**

Modern operating solution with 19" touchscreen and PC with Windows 10 64-bit operating system.

**Machine software:**

Personal Wiring Suit is an intuitive programming system for the PWA1000 to produce the wires and identification labels. The software also visualizes the panel wiring by providing the source and target plus the routing in the panel.

**Interface:**

Projects generated with almost all available CAD and E-planning systems in the market can be processed directly on the machine software, using .CSV or .XLS files.

**Rated voltage:**

240 V, 1~, 50 Hz.

**Rated current:**

8 / 16 A.

**Available modules:**

Wire magazine, Cutting, Stripping and crimping, Printer for wire labels, Storage of produced wires.

**Module - Wire magazine:**

The ergonomic table includes a modular wire magazine for either the original wire packaging or dedicated storage to feed the machine.

**Module - Cutting:**

Machine for cutting wires with a cross section from 0,5 mm<sup>2</sup> up to 16 mm<sup>2</sup> (AWG 20-5) to adjustable lengths at a speed up to 400 wires per hour.

**Module - Stripping and crimping:**

Electropneumatic stripper and crimping machine with 5-way magazine for processing insulated wire end ferrules on a reel. Crimping length can be adjusted either to 8 mm or alternatively 10 mm. Wires with a cross-section from 0,5 mm<sup>2</sup> up to 2,5 mm<sup>2</sup> (AWG 20-14) can be processed without set-up times.

**Module - Printer for wire labels:**

Wire labels are printed automatically to ensure a fast and reliable panel wiring.

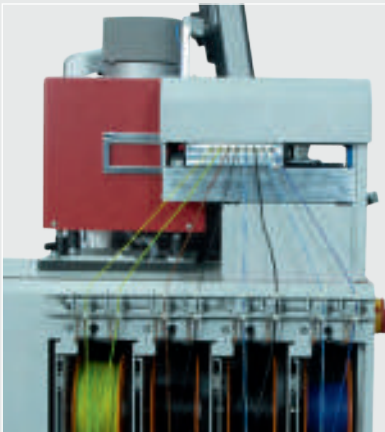
**Module - Storage of produced wires:**

The produced wires can be placed on a removable bar positioned in the front of the workstation. There is a dedicated storage on the side of the workstation for completed bars.

| Description              | Machine footprint |        | Item no. |
|--------------------------|-------------------|--------|----------|
|                          | W (mm)            | D (mm) |          |
| Modular wire workstation | 1250              | 800    | PWA1000  |

**Panel Shop Automation**  
**Wire processing machines**  
**Wire personal assistant | PWA5000**



**Description:**

The Personal Wire Assistant is a mobile solution that optimizes the production of wires reducing the processing time up to 50%. The PWA5000 fully automates cutting to length, stripping and crimping of wires boosting productivity and ensuring consistent and precise quality. A printer is available as an option to automatically print wire labels to ensure a fast and reliable panel wiring. The machine has an automated wire feeding with 8 spools for different wires. An external accessory is available for storage of additional wires that can feed the machine without using the internal spools reducing the switching times. Suitable for one-off production ideal for direct use in the panel shop or prefabrication for future use.

**Human Machine Interface:**

Modern operating solution with 19" touchscreen, industrial PC with Intel i3 processor and Windows 10 64-bit operating system.

**Wire feeding:**

The machine has an automated wire feeding with 8 spools for different wires. An external accessory is available for storage of additional wires that can feed the machine without using the internal spools reducing the switching times.

**Stripping and crimping:**

Electropneumatic stripper and crimping with 5-way magazine for processing insulated wire end ferrules on a reel. Crimping length can be adjusted either to 8 mm or alternatively 10 mm. The finished wires include ferrules on both ends without manual intervention.

**Processable wires:**

Wires with a cross-section from 0,5 mm<sup>2</sup> up to 2,5 mm<sup>2</sup> (AWG 20-14) can be processed without set-up times.

**Speed:**

120 wires/hour including ferrules on both sides of the wire.

**Machine software:**

Personal Wiring Suit is an intuitive programming system for the PWA5000 to produce the wires and identification labels. The software also visualizes the panel wiring by providing the source and target plus the routing in the panel.

**Interface:**

Projects generated with almost all available CAD and E-planning systems in the market can be processed directly on the machine software, using .CSV or .XLS files.

**Rated voltage:**

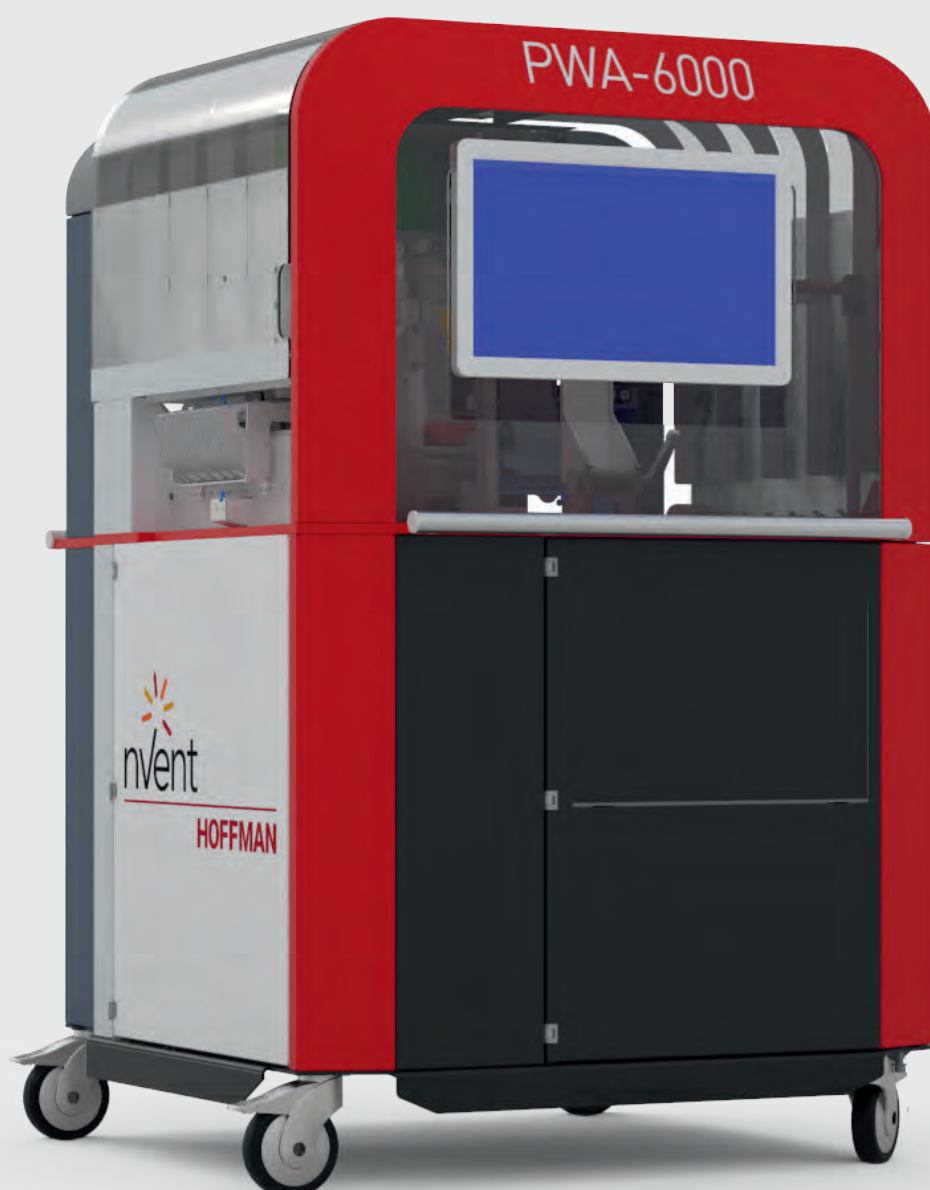
240 V, 1~, 50 Hz.

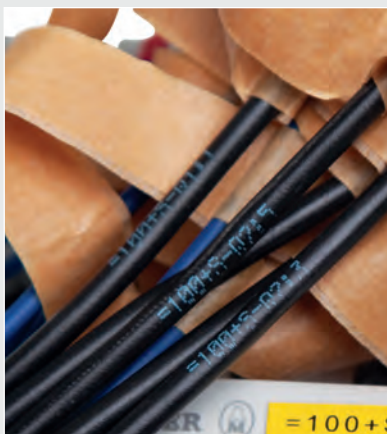
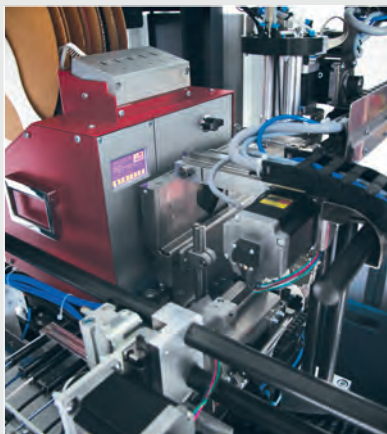
**Rated current:**

16 A.

| Description             | Machine footprint |        | Item no. |
|-------------------------|-------------------|--------|----------|
|                         | W (mm)            | D (mm) |          |
| Wire personal assistant | 840               | 960    | PWA5000  |

**Panel Shop Automation**  
**Wire processing machines**  
Wire processing center | PWA6000



**Description:**

Wire Processing Center optimizes the production of wires reducing the processing time up to 75%. The PWA6000 fully automates the cutting to length, stripping, crimping, marking and bundling of the wires boosting productivity and ensuring consistent and precise quality. The machine has an internal, automated wire feeding with 12 spools for different wires. An external accessory is available for storage of additional wires that can feed the machine without using the internal spools reducing the switching times. The machine places the ferrules on both sides and marks the wires. The finished wires are placed on adhesive tapes, in a predefined order, to optimize order picking. The fully automated process of prefabrication wires optimizes the panel wiring process and thereby reduces costs.

**Human Machine Interface:**

Modern operating solution with 21.5" touchscreen, industrial PC with Intel i5 processor and Windows 10 64-bit operating system.

**Wire feeding:**

The machine has an automated wire feeding with 12 spools for different wires. An external accessory is available for storage of additional wires that can feed the machine without using the internal spools reducing the switching times.

**Stripping and crimping:**

Electropneumatic stripper and crimping with 5-way magazine for processing insulated wire end ferrules on a reel. Crimping length can be adjusted either to 8 mm or alternatively 10 mm. The finished wires include ferrules on both ends without manual intervention.

**Wire marking system:**

Direct printing on the wire to mark the source and target identification on each end of the wire. The wires are marked with blue ink so it is suitable for almost all wire colours and avoids the use of two printers.

**Processable wires:**

Wires with a cross-section from 0,5 mm<sup>2</sup> up to 2,5 mm<sup>2</sup> (AWG 20-14) can be processed without set-up times.

**Speed:**

120 wires/hour including ferrules on both sides of the wire.

**Machine software:**

Personal Wiring Suit is an intuitive programming system for the PWA6000 to produce the wires. An external accessory is available for storage of finished wires and transport to the panel shop. This accessory has a screen to visualize the panel wiring by providing the source and target plus the routing in the panel.

**Interface:**

Projects generated with almost all available CAD and E-planning systems in the market can be processed directly on the machine software, using .CSV or .XLS files.

**Rated voltage:**

240 V, 1~, 50 Hz.

**Rated current:**

16 A.

**Compressed air:**

6-8 bar, suction capacity 300 l/min.

| Description            | Machine footprint |        | Item no. |
|------------------------|-------------------|--------|----------|
|                        | W (mm)            | D (mm) |          |
| Wire processing center | 1050              | 1150   | PWA6000  |

# Index

|                                                                                 |     |
|---------------------------------------------------------------------------------|-----|
| 19" friction slides, L .....                                                    | 151 |
| 19" front frame cover, FFC .....                                                | 150 |
| 19" front panel, PAC .....                                                      | 153 |
| 19" front panel TLC fixation, TLCF .....                                        | 603 |
| 19" front panel, ventilated, PACV .....                                         | 153 |
| 19" keyboard drawer, DKB .....                                                  | 152 |
| 19" mounting profiles brackets,<br>asymmetric fixing, floor standing, CID ..... | 148 |
| 19" mounting profiles brackets, consoles, DNB .....                             | 464 |
| 19" mounting profiles brackets, consoles, DND .....                             | 464 |
| 19" mounting profiles brackets, floor standing, CIWR .....                      | 149 |
| 19" mounting profiles brackets, partial height, floor standing, CIC .....       | 149 |
| 19" mounting profiles, consoles, DNN .....                                      | 463 |
| 19" mounting profiles, floor standing, CIB .....                                | 148 |
| 19" mounting profiles, floor standing, CIP .....                                | 147 |
| 19" mounting profiles, floor standing, CIPD .....                               | 148 |
| 19" mounting profiles, partial height, floor standing, CIPP .....               | 149 |
| 19" mounting profiles, wall mounted, AVP .....                                  | 306 |
| 19" patch panel, PAP .....                                                      | 154 |
| 19" plastic washers, PW .....                                                   | 150 |
| 19" power distribution box, PWB .....                                           | 153 |
| 19", power distribution unit, HPDS .....                                        | 154 |
| 19" ventilation module, with thermostat, UVT .....                              | 155 |

## A

|                                                                              |     |
|------------------------------------------------------------------------------|-----|
| AC, Modular chassis, wall mounted .....                                      | 308 |
| ADA/ADAB, Door, transparent, aluminium, wall mounted .....                   | 186 |
| ADA/ADAB, Door, transparent, aluminium, wall mounted .....                   | 320 |
| ADAMK/ADABMK, Viewing window, mounting kit .....                             | 186 |
| ADAMK/ADABMK, Viewing window, mounting kit .....                             | 320 |
| Adapter, angled, medium swing arm system, S2MAA .....                        | 496 |
| Adapter, basic, CrossBoard .....                                             | 628 |
| Adapter, Comfort, CrossBoard .....                                           | 629 |
| Adapter, narrow, light swing arm system, S1MA .....                          | 484 |
| Adapter, slim, CrossBoard .....                                              | 628 |
| Adapter, tube, medium swing arm system, S2MTA .....                          | 495 |
| ADA, Transparent aluminium windows .....                                     | 186 |
| ADC, Door, transparent safety glass, mild steel, wall mounted .....          | 318 |
| ADCS, Door, transparent safety glass,<br>stainless steel, wall mounted ..... | 319 |
| ADI, Inner door, mild steel, wall mounted .....                              | 322 |
| ADIS, Inner door, stainless steel, wall mounted .....                        | 323 |
| ADO, Door stop, wall mounted .....                                           | 325 |
| ADR, Enclosure, wall mounted, stainless steel, double door .....             | 290 |
| ADSW, Door switch, wall mounted .....                                        | 325 |
| ADSW, Door switch, wall mounted .....                                        | 604 |
| ADT, Door, transparent acrylic glass, mild steel, wall mounted .....         | 317 |
| AFA, Gland plate, adapter FL13 or FL21, wall mounted .....                   | 334 |

|                                                                                   |     |
|-----------------------------------------------------------------------------------|-----|
| AFG, Gland plate, ventilated with fly-net, wall mounted .....                     | 334 |
| AF, Gland plate, plain, wall mounted .....                                        | 332 |
| AFK, Gland plate, with knock-outs, wall mounted .....                             | 335 |
| AFR, Gland plate, ventilated, wall mounted .....                                  | 333 |
| AFS, Enclosure, wall mounted, sloping roof,<br>stainless steel, single door ..... | 294 |
| AFV, Gland plate, ventilated with filter, wall mounted .....                      | 333 |
| AGC, Baying gasket, wall mounted .....                                            | 331 |
| AG, Gland plate, gasket, wall mounted .....                                       | 332 |
| Air ventilation device, polyester wall mounted UCP/UCPT, UPVD .....               | 353 |
| Air ventilation device, polyester wall mounted UDP/UDPT, UAV .....                | 366 |
| ALIS, Lock, inserts, chrome plated, wall mounted .....                            | 328 |
| ALIS, Lock, inserts, chrome plated, wall mounted .....                            | 473 |
| AL, Lifting, eye bolts, wall mounted .....                                        | 331 |
| ALL, Lock, wall mounted .....                                                     | 328 |
| ALL, Lock, wall mounted .....                                                     | 472 |
| ALLS, Lock, stainless steel, wall mounted .....                                   | 328 |
| ALT, Lock, handle, wall mounted .....                                             | 329 |
| (Aluminum), rotation limiter, limiter swing arm system, S1MRL .....               | 487 |
| AMG, Mounting plate, depth adjustment, wall mounted .....                         | 305 |
| AMI, Mounting plate, bakelite, wall mounted .....                                 | 303 |
| AMP, Mounting plate, galvanized steel, wall mounted .....                         | 302 |
| AMTE, Spacer bolts .....                                                          | 305 |
| AMTE, Spacer bolts .....                                                          | 394 |
| AMT, Mounting plate, telequick, galvanized steel, wall mounted .....              | 304 |
| Angled, light signal adapter, light swing arm system, S1MSLAA .....               | 487 |
| APK, Profiles, steel, adjustable, modular system .....                            | 122 |
| ARF, Rainhood, mild steel, wall mounted .....                                     | 340 |
| ASR, Enclosure, wall mounted, stainless steel, single door .....                  | 282 |
| ASST, Rainhood, stainless steel, wall mounted .....                               | 341 |
| ATEX purging system, stainless steel, hazardous location, HLA3X .....             | 384 |
| ATEX purging system, stainless steel, hazardous location, HLP .....               | 385 |
| AVB, Mounting profiles, vertical, wall mounted .....                              | 307 |
| AVP, 19" mounting profiles, wall mounted .....                                    | 306 |
| AWHD, Wall mounting brackets, hygienic design, wall mounted .....                 | 372 |
| AWS, Wall mounting brackets, stainless steel, wall mounted .....                  | 313 |
| AWS, Wall mounting brackets, stainless steel, wall mounted .....                  | 396 |
| AW, Wall mounting brackets, zinc plated steel, wall mounted .....                 | 313 |
| AW, Wall mounting brackets, zinc plated steel, wall mounted .....                 | 396 |

## B

|                                                              |     |
|--------------------------------------------------------------|-----|
| Bar, copper, earthing, ECB .....                             | 608 |
| Base bracket, rotary, light swing arm system, S1MTBB .....   | 486 |
| Base, mild steel, wall mounted, PFF .....                    | 316 |
| Base, small pedestal, medium swing arm system, S2MPBS .....  | 498 |
| Base/wall, bracket, light swing arm system, S1MWF .....      | 486 |
| Baying brackets, external, floor standing, CCE .....         | 216 |
| Baying brackets, external, short, floor standing, CCEH ..... | 217 |
| Baying brackets, internal corner, floor standing, CCM .....  | 216 |
| Baying brackets, internal, floor standing, CCI .....         | 215 |



|                                                                    |     |
|--------------------------------------------------------------------|-----|
| Baying gasket, wall mounted, AGC .....                             | 331 |
| Baying kit, corner, floor standing, CJDS .....                     | 218 |
| Baying kit, depth, floor standing, CJDN .....                      | 217 |
| Baying kit, depth, polyester wall mounted UDP/UDPT, UDE .....      | 366 |
| Baying kit, wall mounted , CK01 .....                              | 330 |
| BDP, Cover plate, mild steel, consoles MPC .....                   | 466 |
| BDPS, Cover plate, stainless steel, consoles MPCS .....            | 466 |
| BDR, DIN rail, STB/SSTB terminal boxes .....                       | 395 |
| BFP, Paint can .....                                               | 607 |
| BGE, Gland plate, EMC gasket, floor standing .....                 | 259 |
| BG, Gland plate, foam, floor standing .....                        | 225 |
| Blanking plates, plastic, grey, DIN slots, TB13G .....             | 123 |
| Blanking plates, plastic, grey, DIN slots, TB13G .....             | 313 |
| BMP, Mounting plate, galvanized steel, terminal box STB/SSTB ..... | 394 |
| BMP, Mounting plate, galvanized steel, terminal box STB/SSTB ..... | 472 |
| Bottom plate, aluminium, floor standing, CBPA .....                | 251 |
| Bottom plate, EMC, floor standing, CBPE .....                      | 259 |
| Bottom plate, split, stainless steel, floor standing, CBPS .....   | 227 |
| Bottom plate, ventilated, EMC, floor standing, CVB EMC .....       | 259 |
| Bottom plate, ventilated, floor standing, CVB .....                | 224 |
| BPA, Vortex, air distribution kit .....                            | 528 |
| BPF, Vortex, side mounting kit .....                               | 529 |
| BPP, Mounting profiles, STB/SSTB terminal boxes .....              | 395 |
| BPP, Mounting profiles, STB/SSTB terminal boxes .....              | 472 |
| BPS, Vortex, silencer .....                                        | 529 |
| BPT, Vortex, thermostat kit .....                                  | 528 |
| BP, Vortex cooler .....                                            | 522 |
| Brace terminals, flat conductors, 60mm-system .....                | 618 |
| Brace terminals, round conductors, 60mm-system .....               | 617 |
| Bracket, baying, copper, earthing, EBB .....                       | 608 |
| Bracket, fixation, copper, earthing, ECK .....                     | 608 |
| Bracket, for operating control panels OICP connection, OIKS .....  | 479 |
| Bracket, rotary base, medium swing arm system, S2MRB .....         | 492 |
| Brackets, adjustable, modular system, MSMPA01 .....                | 121 |
| Brackets, adjustable, modular system, MSMPA01 .....                | 311 |
| Brackets, fixed, modular system, MSMPF01 .....                     | 121 |
| Brackets, fixed, modular system, MSMPF01 .....                     | 311 |
| Bracket, steel, light switch, HDW range, HDSW .....                | 373 |
| Breather drain, stainless steel, hazardous location, EXDBD .....   | 381 |
| Breather drain, stainless steel, hazardous location, EXEBD .....   | 380 |
| Busbar adapter, 25A, 60mm-syste .....                              | 620 |
| Busbar adapter, 25A, cable, 60mm-system .....                      | 620 |
| Busbar adapter, 25A, Removable top, 60mm-system .....              | 618 |
| Busbar adapter, 32A, cable, 60mm-system .....                      | 621 |
| Busbar adapter, 32A, cable, 60mm-system .....                      | 623 |
| Busbar adapter, 32A, Removable top, 60mm-system .....              | 619 |
| Busbar adapter, 32A, terminal, 60mm-system .....                   | 622 |
| Busbar adapter, 45A, Removable top, 60mm-system .....              | 619 |
| Busbar adapter, 63A, cable, 60mm-system .....                      | 621 |
| Busbar adapter, 80A, 60mm-system .....                             | 622 |
| Busbar adapter, 80A, terminal, 60mm-system .....                   | 623 |

|                                                        |     |
|--------------------------------------------------------|-----|
| Busbar adapter, 160A, 60mm-system .....                | 624 |
| Busbar adapter, 200-250A, Universal, 60mm-system ..... | 625 |
| Busbar adapter, 250A, 60mm-system .....                | 624 |
| Busbars, copper, tin-plated, 60mm-system .....         | 615 |
| Busbar support, connection, 60mm-system .....          | 614 |
| Busbar support, PE/N, 60mm-system .....                | 613 |
| Busbar support, universal, 60mm-system .....           | 613 |

## C

|                                                                     |     |
|---------------------------------------------------------------------|-----|
| CAB, Cable entry, fixing bars, inside, floor standing .....         | 225 |
| Cable conduit, CON .....                                            | 184 |
| Cable conduit holder, CONH .....                                    | 185 |
| Cable entry, clamps, floor standing, CAC .....                      | 226 |
| Cable entry, fixing bars, inside, floor standing, CAB .....         | 225 |
| Cable entry, fixing bars, outside, floor standing, CABP .....       | 226 |
| Cable gland, anchorage, CAG .....                                   | 337 |
| Cable gland, anchorage, CAG .....                                   | 581 |
| Cable gland, double protection, CED .....                           | 337 |
| Cable gland, double protection, CED .....                           | 580 |
| Cable gland, hygienic design, CGHD .....                            | 373 |
| Cable gland, plastic, CPG .....                                     | 336 |
| Cable gland, plastic, CPG .....                                     | 578 |
| Cable gland plate, CEP .....                                        | 582 |
| Cable gland plate, FL21 plastic, EHTC .....                         | 335 |
| Cable gland plate, FL21 plastic, EHTC .....                         | 586 |
| Cable gland plate, for connected cables, CCF .....                  | 584 |
| Cable gland plate, grommets for CCF gland plates, CCG .....         | 585 |
| Cable gland plate, round , CEPR .....                               | 583 |
| Cable gland, simple protection, CES .....                           | 336 |
| Cable gland, simple protection, CES .....                           | 579 |
| Cable, interconnection, LTSL lights, LTP L .....                    | 600 |
| Cable, power, LTSL lights, CLF L .....                              | 599 |
| Cables, LED lights, ELC .....                                       | 597 |
| Cable tray, clamps, floor standing, CTC .....                       | 156 |
| Cable tray, floor standing, CTN .....                               | 156 |
| Cable tray, reinforced, floor standing, DCT .....                   | 156 |
| CABP, Cable entry, fixing bars, outside, floor standing .....       | 226 |
| CAC, Cable entry, clamps, floor standing .....                      | 226 |
| CAG, Cable gland, anchorage .....                                   | 337 |
| CAG, Cable gland, anchorage .....                                   | 581 |
| Cage nuts, CN .....                                                 | 151 |
| Cage nuts, CNM .....                                                | 117 |
| Cage nuts, CNM .....                                                | 606 |
| CAK, Profile brackets, EKS/EKD compact floor standing .....         | 114 |
| Cap, angled, replacement, light swingarm system , S1MRCAK .....     | 488 |
| Cap, reduction, replacement, light swingarm system , S1MRCREK ..... | 489 |
| Cap, round replacement, light swingarm system , S1MRCRK .....       | 488 |
| Casters, floor standing, LCR .....                                  | 171 |
| CB, Mounting profiles, carrier bars, floor standing .....           | 118 |
| CBPA, Bottom plate, aluminium, floor standing .....                 | 251 |
| CBPE, Bottom plate, EMC, floor standing .....                       | 259 |



|                                                                                 |     |                                                                                        |     |
|---------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------|-----|
| CBPS, Bottom plate, split, stainless steel, floor standing .....                | 227 | CNT, Screws, extrude-tite .....                                                        | 606 |
| CBPZ, Mounting plate, galvanized steel, console base .....                      | 462 | CNTS, Screws, extrude-tite, stainless steel .....                                      | 117 |
| CBU, Mounting profiles, carrier bars, heavy duty, floor standing .....          | 118 | COF L, Connector, female, LTSL lights .....                                            | 600 |
| CCBS, Wall fixing brackets, stainless steel, floor standing .....               | 171 | Combining gasket, polyester wall mounted UDP/UDPT, UCK .....                           | 365 |
| CCB, Wall fixing brackets, floor standing .....                                 | 171 | Combining profile, polyester wall mounted UDP/UDPT, UCP .....                          | 365 |
| CCE, Baying brackets, external, floor standing .....                            | 216 | COM L, Connector, male, LTSL lights .....                                              | 600 |
| CCEH, Baying brackets, external, short, floor standing .....                    | 217 | CON, Cable conduit .....                                                               | 184 |
| CCF, Cable gland plate, for connected cables .....                              | 584 | CONH, Cable conduit holder .....                                                       | 185 |
| CCG, Cable gland plate, grommets for CCF gland plates .....                     | 585 | Connection, module, CrossBoard .....                                                   | 627 |
| CCI, Baying brackets, internal, floor standing .....                            | 215 | Connection set, 3-pole, 60mm-system .....                                              | 617 |
| CCJ, Separation plate, fixation brackets .....                                  | 219 | Connection terminal, plate, 3-pole, 60mm-system .....                                  | 616 |
| CCJ, Separation plate, fixation brackets .....                                  | 257 | Connection terminal, plate, 3-pole, 60mm-system .....                                  | 616 |
| CCM, Baying brackets, internal corner, floor standing .....                     | 216 | Connection terminal, Universal, 60mm-system .....                                      | 617 |
| CDHK, Partial doors system,<br>horizontal divider for MKS, floor standing ..... | 206 | Connector, female, LTSL lights, COF L .....                                            | 600 |
| CDH, Partial doors system, horizontal divider, floor standing .....             | 206 | Connector, male, LTSL lights, COM L .....                                              | 600 |
| CDPZ, Mounting plate, galvanized steel, console desk/top .....                  | 463 | Console, compact, mild steel, MPG .....                                                | 438 |
| CDV, Partial doors system, vertical divider, floor standing .....               | 206 | Console, compact, stainless steel, MPGS .....                                          | 450 |
| CED, Cable gland, double protection .....                                       | 337 | Console, modular system, mild steel, MPC .....                                         | 442 |
| CED, Cable gland, double protection .....                                       | 580 | Console, modular system, stainless steel, MPCS .....                                   | 454 |
| CEP, Cable gland plate .....                                                    | 582 | Cooling unit, Indoor/Outdoor, Vertical,<br>stainless steel, SpectraCool G-Series ..... | 508 |
| CEPR, Cable gland plate, round .....                                            | 583 | Cooling unit, indoor, roof, CUH .....                                                  | 518 |
| CES, Cable gland, simple protection .....                                       | 336 | Cooling unit, indoor, vertical, CUVN .....                                             | 510 |
| CES, Cable gland, simple protection .....                                       | 579 | Cooling unit, Indoor, Vertical, Slim Fit .....                                         | 502 |
| CFR, Roof, for fans, floor standing .....                                       | 222 | Cooling unit, Indoor, Vertical, SpectraCool Narrow .....                               | 506 |
| CGHD, Cable gland, hygienic design .....                                        | 373 | Cooling unit, Outdoor, Vertical,<br>advanced corrosion protection, SpectraCool .....   | 516 |
| CHS, Screws, phillips .....                                                     | 150 | Cooling unit, outdoor, vertical, CUON .....                                            | 514 |
| CIB, 19" mounting profiles, floor standing .....                                | 148 | Cooling unit, Outdoor, Vertical, T-Series .....                                        | 512 |
| CIC, 19" mounting profiles brackets, partial height, floor standing .....       | 149 | Cooling units, stainless steel, hazardous location, NHZ .....                          | 534 |
| CID, 19" mounting profiles brackets,<br>asymmetric fixing, floor standing ..... | 148 | Cooling unit, Thermoelectric, TE-series .....                                          | 520 |
| CIP, 19" mounting profiles, floor standing .....                                | 147 | Coupling, base, medium swing arm system, S2MBC .....                                   | 496 |
| CIPD, 19" mounting profiles, floor standing .....                               | 148 | Coupling, elbow, medium swing arm system, S2MFEC .....                                 | 495 |
| CIPP, 19" mounting profiles, partial height, floor standing .....               | 149 | Coupling, HMI, medium swing arm system, S2MFC .....                                    | 494 |
| CIWR, 19" mounting profiles brackets, floor standing .....                      | 149 | Coupling, tilted back, medium swing arm system, S2MACB .....                           | 495 |
| CJDN, Baying kit, depth, floor standing .....                                   | 217 | Coupling, tilted forward, medium swing arm system, S2MACF .....                        | 496 |
| CJDS, Baying kit, corner, floor standing .....                                  | 218 | Cover, busbars, 3-pole cover, 60mm-system .....                                        | 615 |
| CK01, Baying kit, wall mounted .....                                            | 330 | Cover, busbars, individual cover, 60mm-system .....                                    | 615 |
| Cleaner for stainless steel, SSC .....                                          | 607 | Cover cap, 60mm-system .....                                                           | 618 |
| CLF L, Cable, power, LTSL lights .....                                          | 599 | Cover plate, mild steel, consoles MPC, BDP .....                                       | 466 |
| CLPF, Mounting profiles, floor standing .....                                   | 113 | Cover plate, stainless steel, consoles MPC desk section, MPLS .....                    | 467 |
| CLPK, Mounting profiles, click-in, floor standing .....                         | 112 | Cover plate, stainless steel, consoles MPCS, BDPS .....                                | 466 |
| CLPO, Mounting profiles, outer mounting profile, floor standing .....           | 114 | Cover plate, stainless steel, consoles MPC top section, MPPS .....                     | 467 |
| CLS, Mounting profiles, lutze system, floor standing .....                      | 118 | Cover plugs, terminal boxes OABP/OPCP, OCP .....                                       | 418 |
| CMB, Mounting profiles, side, floor standing .....                              | 116 | Cover plugs, terminal boxes OABP/OPCP, OCP .....                                       | 428 |
| CN, Cage nuts .....                                                             | 151 | Cover plugs, terminal boxes SABP/SPCP, SCP .....                                       | 413 |
| CNM, Cage nuts .....                                                            | 117 | CPG, Cable gland, plastic .....                                                        | 336 |
| CNM, Cage nuts .....                                                            | 606 | CPG, Cable gland, plastic .....                                                        | 578 |
| CNS, Screws, clip-on cage nuts .....                                            | 117 | CP, Mounting rails .....                                                               | 605 |
| CNS, Screws, clip-on cage nuts .....                                            | 606 | CTC, Cable tray, clamps, floor standing .....                                          | 156 |
| CNT, Screws, extrude-tite .....                                                 | 117 | CTN, Cable tray, floor standing .....                                                  | 156 |

|                                                              |     |
|--------------------------------------------------------------|-----|
| CUH, Cooling unit, indoor, roof .....                        | 518 |
| CUON, Cooling unit, outdoor, vertical .....                  | 514 |
| Cutting machine, NCCUT .....                                 | 634 |
| CUVN, Cooling unit, indoor, vertical .....                   | 510 |
| CVB, Bottom plate, ventilated, floor standing .....          | 224 |
| CVB EMC, Bottom plate, ventilated, EMC, floor standing ..... | 259 |
| CVK, Roof, spacer kit, floor standing .....                  | 224 |
| CVR, Roof, ventilated, floor standing .....                  | 222 |

## D

|                                                                                       |     |
|---------------------------------------------------------------------------------------|-----|
| DABP, Terminal box, ABS .....                                                         | 406 |
| DAHHL, heater, aluminium, hazardous location .....                                    | 574 |
| DCP, Door, horizontal profiles, floor standing .....                                  | 184 |
| DCT, Cable tray, reinforced, floor standing .....                                     | 156 |
| DDK, Door drawing desk, floor standing .....                                          | 184 |
| DFC, Roof, closing plate for fan opening, floor standing .....                        | 223 |
| DFL, Wall mounting brackets, DABP/DPCP terminal boxes .....                           | 409 |
| DFL, Wall mounting brackets, DABP/DPCP terminal boxes .....                           | 423 |
| DFN61, Roof, fan kit, floor standing .....                                            | 223 |
| DFN, Roof, fan, floor standing .....                                                  | 223 |
| DHN, Door, 180° hinges, floor standing .....                                          | 179 |
| DHP, Door, horizontal profiles, wall mounted .....                                    | 327 |
| DI, Inner door, mild steel, floor standing .....                                      | 180 |
| DIN-base adaptor frame, polyester wall mounted UDP/UDPT, UAF ...                      | 363 |
| DIN-base, polyester wall mounted UDP/UDPT, UMPS .....                                 | 363 |
| DIN rail, DR .....                                                                    | 409 |
| DIN rail, DR .....                                                                    | 423 |
| DIN rail, DR2 .....                                                                   | 412 |
| DIN rail, DR3 .....                                                                   | 417 |
| DIN rail, DR3 .....                                                                   | 427 |
| DIN rail mounting brackets, DRS .....                                                 | 605 |
| DIN rail, PP .....                                                                    | 605 |
| DIN rails, steel, pre-cut, modular system, MSDR .....                                 | 120 |
| DIN rails, steel, pre-cut, modular system, MSDR .....                                 | 311 |
| DIN rail, STB/SSTB terminal boxes, BDR .....                                          | 395 |
| DIPH, Profile, steel, interior mounting, HDW range .....                              | 372 |
| DIP, Profile, steel, interior mounting .....                                          | 306 |
| DKB, 19" keyboard drawer .....                                                        | 152 |
| DMP, Mounting plate, galvanized steel, terminal box DABP/DPCP ...                     | 408 |
| DMP, Mounting plate, galvanized steel, terminal box DABP/DPCP ...                     | 422 |
| DNB, 19" mounting profiles brackets, consoles .....                                   | 464 |
| DND, 19" mounting profiles brackets, consoles .....                                   | 464 |
| DN, Door, plain, mild steel, floor standing .....                                     | 176 |
| DNG, Door, transparent safety glass, mild steel, floor standing .....                 | 178 |
| DNGE, Door, transparent, EMC, floor standing .....                                    | 256 |
| DNGS, Stainless steel glazed doors .....                                              | 178 |
| DNMK, Door, mounting kit, mild steel .....                                            | 179 |
| DNMKS, Door, mounting kit, stainless steel .....                                      | 179 |
| DNN, 19" mounting profiles, consoles .....                                            | 463 |
| DNS, Door, side, mild steel, floor standing .....                                     | 180 |
| DNSR, Door, raised side, mild steel, floor standing .....                             | 227 |
| DNSS, Door, plain, stainless steel, floor standing .....                              | 177 |
| Door, 180° hinges, floor standing, DHN .....                                          | 179 |
| Door, cable space, mild steel, floor standing, DPA .....                              | 210 |
| Door, document pocket, mild steel, floor standing, DRB .....                          | 183 |
| Door, document pocket, mild steel, floor standing, DRB .....                          | 183 |
| Door, document pocket, mild steel, floor standing, DRB .....                          | 612 |
| Door, document pocket, mild steel, floor standing, DRB .....                          | 612 |
| Door, document pocket, plastic, DRA .....                                             | 183 |
| Door, document pocket, plastic, DRA .....                                             | 326 |
| Door, document pocket, plastic, DRA .....                                             | 612 |
| Door drawing desk, floor standing, DDK .....                                          | 184 |
| Door, horizontal profiles, floor standing, DCP .....                                  | 184 |
| Door, horizontal profiles, wall mounted, DHP .....                                    | 327 |
| Door, mounting kit, mild steel, DNMK .....                                            | 179 |
| Door, mounting kit, stainless steel, DNMKS .....                                      | 179 |
| Door, partial, monitor, mild steel, floor standing, DPM .....                         | 211 |
| Door, plain, mild steel, floor standing, DN .....                                     | 176 |
| Door, plain, stainless steel, floor standing, DNSS .....                              | 177 |
| Door, raised side, mild steel, floor standing, DNSR .....                             | 227 |
| Door, side, mild steel, floor standing, DNS .....                                     | 180 |
| Door stop, floor standing, DSTP .....                                                 | 182 |
| Door stop, UDP/UDPT, UDS .....                                                        | 365 |
| Door stop, wall mounted, ADO .....                                                    | 325 |
| Door, supports, floor standing, DPSL .....                                            | 182 |
| Door switch, floor standing, DSW .....                                                | 185 |
| Door switch, floor standing, DSW .....                                                | 603 |
| Door switch, hazardous location, LEDHLSW .....                                        | 380 |
| Door switch, LED lights, ELD .....                                                    | 598 |
| Door switch, wall mounted, ADSW .....                                                 | 325 |
| Door switch, wall mounted, ADSW .....                                                 | 604 |
| Door switch, with cable, for TLC/TLCL lights, TLCS .....                              | 602 |
| Door, transparent acrylic glass, mild steel, wall mounted, ADT .....                  | 317 |
| Door, transparent, aluminium, wall mounted, ADA/ADAB .....                            | 186 |
| Door, transparent, aluminium, wall mounted, ADA/ADAB .....                            | 320 |
| Door, transparent, EMC, floor standing, DNGE .....                                    | 256 |
| Door, transparent safety glass, mild steel, floor standing, DNG .....                 | 178 |
| Door, transparent safety glass, mild steel, wall mounted, ADC .....                   | 318 |
| Door, transparent safety glass,<br>stainless steel, wall mounted, ADCS .....          | 319 |
| Door, vertical profiles, wall mounted, MMMDP .....                                    | 326 |
| Door, vertical profiles, wall mounted, MMMDP .....                                    | 473 |
| Door, wheels, floor standing, DW .....                                                | 182 |
| DPA, Door, cable space, mild steel, floor standing .....                              | 210 |
| DPB, Partial doors system, vertical panel, floor standing .....                       | 210 |
| DPC, Partial doors system, top and bottom panels, floor standing ...                  | 207 |
| DPCP, Terminal box, polycarbonate .....                                               | 420 |
| DPCV, Partial doors system,<br>ventilated top and bottom panels, floor standing ..... | 207 |
| DPK, Keyboard hinged tray .....                                                       | 211 |
| DPM, Door, partial, monitor, mild steel, floor standing .....                         | 211 |

|                                                              |     |
|--------------------------------------------------------------|-----|
| DP, Partial doors system, partial door, floor standing ..... | 208 |
| DPP, Partial doors system, panel, floor standing.....        | 209 |
| DPSL, Door, supports, floor standing.....                    | 182 |
| DR2, DIN rail.....                                           | 412 |
| DR3, DIN rail.....                                           | 417 |
| DR3, DIN rail.....                                           | 427 |
| DRA, Door, document pocket, plastic .....                    | 183 |
| DRA, Door, document pocket, plastic .....                    | 326 |
| DRA, Door, document pocket, plastic .....                    | 612 |
| Drain plug, DWP .....                                        | 566 |
| DRB, Door, document pocket, mild steel, floor standing.....  | 183 |
| DRB, Door, document pocket, mild steel, floor standing.....  | 183 |
| DRB, Door, document pocket, mild steel, floor standing.....  | 612 |
| DRB, Door, document pocket, mild steel, floor standing.....  | 612 |
| DR, DIN rail.....                                            | 409 |
| DR, DIN rail.....                                            | 423 |
| DRS, DIN rail mounting brackets .....                        | 605 |
| DSHI, Hinges, for DABP/DPCP terminal boxes.....              | 409 |
| DSHI, Hinges, for DABP/DPCP terminal boxes.....              | 413 |
| DSHI, Hinges, for DABP/DPCP terminal boxes.....              | 423 |
| DSTP, Door stop, floor standing.....                         | 182 |
| DSW, Door switch, floor standing.....                        | 185 |
| DSW, Door switch, floor standing.....                        | 603 |
| DW, Door, wheels, floor standing .....                       | 182 |
| DWP, Drain plug.....                                         | 566 |

## E

|                                              |     |
|----------------------------------------------|-----|
| Earthing, cables, ECFA.....                  | 231 |
| Earthing, cables, ECFA.....                  | 338 |
| Earthing, cables, ECFA.....                  | 609 |
| Earthing, central points, ECFP.....          | 232 |
| Earthing, central points, ECFP.....          | 610 |
| Earthing, frame connections, ECF.....        | 232 |
| Earthing, frame connections, ECF.....        | 610 |
| Earthing, panel connections, ECP .....       | 232 |
| Earthing, panel connections, ECP .....       | 339 |
| Earthing, panel connections, ECP .....       | 610 |
| Earthing, straps, ECFE .....                 | 231 |
| Earthing, straps, ECFE .....                 | 338 |
| Earthing, straps, ECFE .....                 | 609 |
| EBB, Bracket, baying, copper, earthing ..... | 608 |
| ECB, Bar, copper, earthing.....              | 608 |
| ECFA, Earthing, cables.....                  | 231 |
| ECFA, Earthing, cables.....                  | 338 |
| ECFA, Earthing, cables.....                  | 609 |
| ECF, Earthing, frame connections .....       | 232 |
| ECF, Earthing, frame connections .....       | 610 |
| ECFE, Earthing, straps .....                 | 231 |
| ECFE, Earthing, straps .....                 | 338 |
| ECFE, Earthing, straps .....                 | 609 |

|                                                                                 |     |
|---------------------------------------------------------------------------------|-----|
| ECFP, Earthing, central points .....                                            | 232 |
| ECFP, Earthing, central points .....                                            | 610 |
| ECH(T), Heater, compact, with/without thermostat.....                           | 560 |
| ECK, Bracket, fixation, copper, earthing.....                                   | 608 |
| ECOM, Enclosure, floor standing,<br>aluminium, double wall, combinable .....    | 234 |
| ECP, Earthing, panel connections .....                                          | 232 |
| ECP, Earthing, panel connections .....                                          | 339 |
| ECP, Earthing, panel connections .....                                          | 610 |
| ECR, Heater, with fan, with thermostat .....                                    | 563 |
| EDA, Pressure compensation plug, plastic, goretex.....                          | 564 |
| EDAS, Pressure compensation plug, stainless steel, goretex.....                 | 565 |
| EFAE, Exhaust filter, EMC .....                                                 | 258 |
| EFAE, Exhaust filter, EMC .....                                                 | 377 |
| EFA, Exhaust filter, indoor.....                                                | 542 |
| EFAP, Exhaust filter, outdoor.....                                              | 543 |
| EFCS, Filter fan or exhaust filter cover.....                                   | 233 |
| EFE, Filter fan, EMC.....                                                       | 258 |
| EFE, Filter fan, EMC.....                                                       | 377 |
| EF, Filter fan, indoor.....                                                     | 538 |
| EFM, Filter mat, indoor .....                                                   | 542 |
| EFMP, Filter mat, outdoor.....                                                  | 543 |
| EFP, Filter fan, outdoor.....                                                   | 540 |
| EFR, Thermostat, fixed regulation.....                                          | 568 |
| EGK, Heater, small .....                                                        | 558 |
| EGL, Heater, with fan.....                                                      | 561 |
| EHG, Heater .....                                                               | 559 |
| EHTC, Cable gland plate, FL21 plastic.....                                      | 335 |
| EHTC, Cable gland plate, FL21 plastic.....                                      | 586 |
| EHV, Heater, with fan.....                                                      | 562 |
| EKDS, Enclosure, floor standing,<br>stainless steel, compact, double door.....  | 82  |
| EKOM, Enclosure, floor standing, double wall, aluminum, compact ..              | 238 |
| EKOM-SW, Enclosure, floor standing,<br>single wall, aluminum, compact .....     | 242 |
| EKSS, Enclosure, floor standing,<br>stainless steel, compact, single door ..... | 76  |
| EL900D, LED light .....                                                         | 595 |
| EL900DS, LED light, socket.....                                                 | 594 |
| EL1200D24V, LED light, 24V .....                                                | 596 |
| EL1200DS, LED light, socket .....                                               | 593 |
| EL1200M24V, LED light, movement sensor, 24V .....                               | 595 |
| EL1200M, LED light, movement sensor .....                                       | 594 |
| EL1200MS, LED light, socket, movement sensor.....                               | 592 |
| ELA, Mounting, brackets, magnet, LED lights .....                               | 598 |
| Elbow, coupling, light swing arm system, S1ME.....                              | 483 |
| Elbow, medium swing arm system, S2ME .....                                      | 493 |
| Elbow, panel coupling, light swing arm system, S1MFEC.....                      | 484 |
| Elbow, reduction, light swing arm system, S1MRE.....                            | 485 |
| Elbow, rotatable, light swing arm system, S1MER.....                            | 483 |
| Elbow, rotation, medium swing arm system, S2MER.....                            | 494 |

|                                                                                    |     |
|------------------------------------------------------------------------------------|-----|
| ELC, Cables, LED lights.....                                                       | 597 |
| ELD, Door switch, LED lights.....                                                  | 598 |
| Enclosure, floor standing, 19", mild steel, combinable, MCI.....                   | 42  |
| Enclosure, floor standing, aluminium,<br>double wall, combinable, ECOM .....       | 234 |
| Enclosure, floor standing, double wall, aluminum, compact, EKOM..                  | 238 |
| Enclosure, floor standing, EMC, combinable, single door, MCSE.....                 | 252 |
| Enclosure, floor standing, interlocking, mild steel, combinable, MCF...            | 36  |
| Enclosure, floor standing, mild steel, combinable, double door, MCD..              | 24  |
| Enclosure, floor standing, mild steel, combinable, single door, MCS....            | 12  |
| Enclosure, floor standing, mild steel,<br>semicompact, double door, MKD.....       | 54  |
| Enclosure, floor standing, mild steel,<br>semicompact, single door, MKS.....       | 46  |
| Enclosure, floor standing, PC, mild steel, combinable, MCM.....                    | 434 |
| Enclosure, floor standing,<br>single wall, aluminum, compact, EKOM-SW .....        | 242 |
| Enclosure, floor standing, stainless steel,<br>combinable, double door, MCDS ..... | 66  |
| Enclosure, floor standing, stainless steel,<br>combinable, single door, MCSS.....  | 60  |
| Enclosure, floor standing, stainless steel,<br>compact, double door, EKDS.....     | 82  |
| Enclosure, floor standing, stainless steel,<br>compact, single door, EKSS.....     | 76  |
| Enclosure, wall mounted, EMC, single door, MASE .....                              | 374 |
| Enclosure, wall mounted, HD, stainless steel, single door, HDW .....               | 368 |
| Enclosure, wall mounted, mild steel, double door, MAD .....                        | 272 |
| Enclosure, wall mounted, mild steel, panel, MAP.....                               | 278 |
| Enclosure, wall mounted, mild steel, single door, MAS.....                         | 262 |
| Enclosure, wall mounted, polyester, compact, UCP/UCPT .....                        | 342 |
| Enclosure, wall mounted, polyester, modular, UDP/UDPT.....                         | 354 |
| Enclosure, wall mounted, sloping roof,<br>stainless steel, single door, AFS .....  | 294 |
| Enclosure, wall mounted, stainless steel, double door, ADR.....                    | 290 |
| Enclosure, wall mounted, stainless steel, single door, ASR.....                    | 282 |
| End cover, busbar support, 60mm-system .....                                       | 614 |
| EPF, Pole fixation, wall mounted.....                                              | 314 |
| EPF, Pole fixation, wall mounted.....                                              | 353 |
| EPF, Pole fixation, wall mounted.....                                              | 362 |
| EPF, Pole fixation, wall mounted.....                                              | 396 |
| ESFB, Swing frame 19", transversal support bars, floor standing .....              | 144 |
| ESFC, Swing frame 19", floor standing.....                                         | 136 |
| ESFD, Swing frame 19", door stop, floor standing .....                             | 144 |
| ESFH, Swing frame 19", 180° hinges, floor standing.....                            | 144 |
| ESFM, Swing frame 19", middle mounted, floor standing.....                         | 138 |
| ESFS, Swing frame 19", side mounted, floor standing.....                           | 140 |
| ESFT, Transport bracket, swing frame .....                                         | 145 |
| ETF200, Hygrostat .....                                                            | 572 |
| ETF300, Hygrostat and thermostat, electronic .....                                 | 573 |
| ETR200, Thermostat, changeover contact.....                                        | 570 |

|                                                                  |     |
|------------------------------------------------------------------|-----|
| ETR203, Thermostat, dual .....                                   | 571 |
| ETR, Thermostat.....                                             | 569 |
| EXAS, hole seals, stainless steel, hazardous location.....       | 381 |
| EXDBD, breather drain, stainless steel, hazardous location.....  | 381 |
| EXEBD, breather drain, stainless steel, hazardous location ..... | 380 |
| EXE-NB, terminal box, polyester, ZONEX enclosures .....          | 431 |
| EXE-SB, terminal box, stainless steel, ZONEX enclosures .....    | 430 |
| EXE-WM, wall mounted, stainless steel, ZONEX enclosures .....    | 378 |
| Exhaust filter, EMC, EFAE .....                                  | 258 |
| Exhaust filter, EMC, EFAE .....                                  | 377 |
| Exhaust filter, indoor, EFA.....                                 | 542 |
| Exhaust filter, outdoor, EFAP.....                               | 543 |
| Exhaust filter, roof, REU .....                                  | 556 |
| Extension section, for operating control panel OICP, OIDES ..... | 478 |
| EXWK, viewing window, stainless steel, hazardous location.....   | 379 |

## F

|                                                                        |     |
|------------------------------------------------------------------------|-----|
| FFC, 19" front frame cover.....                                        | 150 |
| Filter fan, EMC, EFE.....                                              | 258 |
| Filter fan, EMC, EFE.....                                              | 377 |
| Filter fan, indoor, EF.....                                            | 538 |
| Filter fan or exhaust filter cover, EFCS .....                         | 233 |
| Filter fan, outdoor, EFP .....                                         | 540 |
| Filter fan, roof, RFU.....                                             | 550 |
| Filter mat, indoor, EFM.....                                           | 542 |
| Filter mat, outdoor, EFMP .....                                        | 543 |
| Flange adapter, round 48-mm,<br>medium swing arm system, S2MA48 .....  | 497 |
| Flange, base wall, medium swing arm system, S2MWF .....                | 497 |
| Flange coupling, round 48-mm,<br>medium swing arm system, S2MFC48..... | 497 |
| FMA, Interlocking system, actuator, floor standing .....               | 202 |
| FMB, Interlocking system, interlock bar, floor standing.....           | 203 |
| FMD, Interlocking kit, main door, floor standing .....                 | 202 |
| FMS, Interlocking kit, slave door, floor standing.....                 | 203 |
| Frame extension, bottom, floor standing, PCU.....                      | 230 |
| Frame extension, bottom, side panels, floor standing, PCUP.....        | 230 |
| Frame extension, top, floor standing, MCU .....                        | 229 |
| Frame extension, top, side panels, floor standing, MCUP.....           | 229 |
| Front panels, steel, plain, modular system, MSMBP .....                | 123 |
| Front panels, steel, plain, modular system, MSMBP .....                | 312 |
| Front panels, steel, slotted, modular system, MSMCP .....              | 122 |
| Front panels, steel, slotted, modular system, MSMCP .....              | 312 |
| Front plate, for operating control panel OICP, OIFP .....              | 478 |
| Front plate, for operating control panel OICP, OIPC .....              | 479 |
| Fuse-switch disconnecter, 400-630A, 60mm-system.....                   | 625 |

## G

|                                                                         |     |
|-------------------------------------------------------------------------|-----|
| GCPZ, Mounting plate, galvanized steel, console MPG/MPGS .....          | 462 |
| Gland plate, adapter FL13 or FL21, wall mounted, AFA .....              | 334 |
| Gland plate, EMC gasket, floor standing, BGE .....                      | 259 |
| Gland plate, foam, floor standing, BG .....                             | 225 |
| Gland plate, gasket, wall mounted, AG .....                             | 332 |
| Gland plate, plain, wall mounted, AF .....                              | 332 |
| Gland plate, section profile for cable entry, floor standing, SCE ..... | 225 |
| Gland plate, ventilated, wall mounted, AFR .....                        | 333 |
| Gland plate, ventilated with filter, wall mounted, AFV .....            | 333 |
| Gland plate, ventilated with fly-net, wall mounted, AFG .....           | 334 |
| Gland plate, with knock-outs, wall mounted, AFK .....                   | 335 |
| GLM, Nuts, sliding .....                                                | 114 |
| GLM, Nuts, sliding .....                                                | 606 |
| GMP, Mounting plate, galvanized steel, terminal box MGRP .....          | 404 |

## H

|                                                                                   |     |
|-----------------------------------------------------------------------------------|-----|
| HALP, Terminal box, Aluminum .....                                                | 398 |
| Handle, for operating control panel OICP, OICH .....                              | 479 |
| Hardware kit, replacement, light swingarm system , S1MRHK .....                   | 489 |
| HDSW, Bracket, steel, light switch, HDW range .....                               | 373 |
| HDW, Enclosure, wall mounted, HD, stainless steel, single door .....              | 368 |
| Heater, aluminium, hazardous location, DAHHL .....                                | 574 |
| Heater, aluminium, hazardous location, HLHEAT .....                               | 574 |
| Heater, compact, with/without thermostat, ECH(T) .....                            | 560 |
| Heater, EHG .....                                                                 | 559 |
| Heater, small, EGK .....                                                          | 558 |
| Heater, with fan, EGL .....                                                       | 561 |
| Heater, with fan, EHV .....                                                       | 562 |
| Heater, with fan, with thermostat, ECR .....                                      | 563 |
| Heat exchanger, roof, PWD .....                                                   | 532 |
| Heat exchanger, vertical, PWS .....                                               | 530 |
| HHL, Hinges, for aluminum terminal boxes HALP .....                               | 400 |
| HHL, Hinges, for aluminum terminal boxes HALP .....                               | 404 |
| Hinges, 180° opening, stainless steel, wall mounted, MMHS .....                   | 324 |
| Hinges, 180° opening, wall mounted, MMH .....                                     | 324 |
| Hinges, for aluminum terminal boxes HALP, HHL .....                               | 400 |
| Hinges, for aluminum terminal boxes HALP, HHL .....                               | 404 |
| Hinges, for DABP/DPCP terminal boxes, DSHI .....                                  | 409 |
| Hinges, for DABP/DPCP terminal boxes, DSHI .....                                  | 413 |
| Hinges, for DABP/DPCP terminal boxes, DSHI .....                                  | 423 |
| Hinges, for front panel, polyester wall mounted, UHS .....                        | 352 |
| Hinges, for OABP/OPCP terminal boxes, OHI .....                                   | 418 |
| Hinges, for OABP/OPCP terminal boxes, OHI .....                                   | 428 |
| Hinges, for STB terminal boxes, STBH .....                                        | 397 |
| Hinges, stainless steel, for SSTB terminal boxes, SSTBH .....                     | 397 |
| HLA1, purging/pressurization system,<br>stainless steel, hazardous location ..... | 382 |
| HLA3, purging system, stainless steel, hazardous location .....                   | 383 |

|                                                                     |     |
|---------------------------------------------------------------------|-----|
| HLA3X, ATEX purging system, stainless steel, hazardous location ... | 384 |
| HLHEAT, heater, aluminium, hazardous location .....                 | 574 |
| HLP, ATEX purging system, stainless steel, hazardous location ..... | 385 |
| HLTHERMNC, thermostat, aluminium, hazardous location .....          | 575 |
| HLTSTAT, thermostat, aluminium, hazardous location .....            | 575 |
| HMI, coupling, light swing arm system, S1MFC .....                  | 484 |
| HMP, Mounting plate, galvanized steel, terminal box HALP .....      | 400 |
| Hole seals, stainless steel, hazardous location, EXAS .....         | 381 |
| Horizontal, panel coupling, light swing arm system, S1MPCH .....    | 485 |
| Horizontal, wall joint, medium swing arm system, S2MWJH .....       | 493 |
| HPDS, 19", power distribution unit .....                            | 154 |
| HP, Mounting vertical profiles, floor standing .....                | 116 |
| HT, Vortex cooler, high temperature .....                           | 526 |
| Hygrostat and thermostat, electronic, ETF300 .....                  | 573 |
| Hygrostat, ETF200 .....                                             | 572 |

## I

|                                                                     |     |
|---------------------------------------------------------------------|-----|
| Individual front plate, UCP/UCPT polyester wall mounted, UICP ..... | 351 |
| Individual front plate, UCP/UCPT polyester wall mounted, UICP ..... | 351 |
| Inner door, mild steel, floor standing, DI .....                    | 180 |
| Inner door, mild steel, wall mounted, ADI .....                     | 322 |
| Inner door, polyester, UDP/UDPT, UID .....                          | 364 |
| Inner door, stainless steel, wall mounted, ADIS .....               | 323 |
| Interlocking kit, main door, floor standing, FMD .....              | 202 |
| Interlocking kit, slave door, floor standing, FMS .....             | 203 |
| Interlocking system, actuator, floor standing, FMA .....            | 202 |
| Interlocking system, interlock bar, floor standing, FMB .....       | 203 |
| Isolator, Plastic, PE/Neutral, TNS2 .....                           | 611 |

## J

|                                                           |     |
|-----------------------------------------------------------|-----|
| Joint, intermediate, light swing arm system, S1MIJ .....  | 483 |
| Joint, intermediate, medium swing arm system, S2MIJ ..... | 494 |

## K

|                                                 |     |
|-------------------------------------------------|-----|
| Keyboard hinged tray, DPK .....                 | 211 |
| Keyboard hinged tray, floor standing, UKT ..... | 185 |
| Key, LSK .....                                  | 198 |
| Key, LSK .....                                  | 329 |

## L

|                                                         |     |
|---------------------------------------------------------|-----|
| L, 19" friction slides .....                            | 151 |
| LC, Lifting, for bayed enclosures, floor standing ..... | 221 |
| LCR, Casters, floor standing .....                      | 171 |
| LEDHL, LED light, hazardous location .....              | 379 |
| LEDHLSW, door switch, hazardous location .....          | 380 |
| LED light, 24V, EL1200D24V .....                        | 596 |
| LED light, EL900D .....                                 | 595 |
| LED light, hazardous location, LEDHL .....              | 379 |

|                                                                    |     |
|--------------------------------------------------------------------|-----|
| LED light, movement sensor, 24V, EL1200M24V .....                  | 595 |
| LED light, movement sensor, EL1200M .....                          | 594 |
| LED light, socket, EL900DS .....                                   | 594 |
| LED light, socket, EL1200DS .....                                  | 593 |
| LED light, socket, movement sensor, EL1200MS .....                 | 592 |
| LE, Lifting, eye bolts, floor standing .....                       | 220 |
| Leveling feet, floor standing, LF .....                            | 169 |
| Leveling feet, hygienic design, LFHD .....                         | 372 |
| Levelling adjuster, floor standing, LFA .....                      | 170 |
| LFA, Levelling adjuster, floor standing .....                      | 170 |
| LFHD, Leveling feet, hygienic design .....                         | 372 |
| LF, Leveling feet, floor standing .....                            | 169 |
| LHC, Lock, inserts and cylinders for LLH, floor standing .....     | 197 |
| Lifting, eye bolts, floor standing, LE .....                       | 220 |
| Lifting, eye bolts for extension frame, floor standing, MCUK ..... | 221 |
| Lifting, eye bolts, wall mounted, AL .....                         | 331 |
| Lifting, for bayed enclosures, floor standing, LC .....            | 221 |
| Light LTSL, LED, LTSL .....                                        | 599 |
| Light signal adapt. rectangle, S2MLSAE .....                       | 498 |
| Light swing arm system, S1 .....                                   | 480 |
| Light TLC, compact, TLC .....                                      | 601 |
| Light TLC, LED, compact, TLCL .....                                | 602 |
| Light TL, TL .....                                                 | 603 |
| LI, Lock, inserts, floor standing .....                            | 196 |
| Limiters, rotation, medium swing arm system, S2MRL .....           | 499 |
| LLH, Lock, lift handle, floor standing .....                       | 196 |
| LLH, Lock, lift handle, floor standing .....                       | 197 |
| LLTH, Lock, T-handle, floor standing .....                         | 198 |
| Lock, handle, wall mounted, ALT .....                              | 329 |
| Lock, inserts and cylinders for LLH, floor standing, LHC .....     | 197 |
| Lock, inserts and cylinders, polyester wall mounted, LSSU .....    | 364 |
| Lock, inserts, chrome plated, wall mounted, ALIS .....             | 328 |
| Lock, inserts, chrome plated, wall mounted, ALIS .....             | 473 |
| Lock, inserts, floor standing, LI .....                            | 196 |
| Lock, lift handle, floor standing, LLH .....                       | 196 |
| Lock, lift handle, floor standing, LLH .....                       | 197 |
| Lock, padlocking cover, wall mounted, PLC .....                    | 329 |
| Lock, stainless steel, wall mounted, ALLS .....                    | 328 |
| Lock, swing handle, polyester wall mounted, UDH .....              | 353 |
| Lock, swing handle, polyester wall mounted, UDH .....              | 364 |
| Lock, T-handle, floor standing, LLTH .....                         | 198 |
| Lock, wall mounted, ALL .....                                      | 328 |
| Lock, wall mounted, ALL .....                                      | 472 |
| LPS, Socket with integrated fuse .....                             | 604 |
| LSK, Key .....                                                     | 198 |
| LSK, Key .....                                                     | 329 |
| LSMK, Multi key .....                                              | 198 |
| LSMK, Multi key .....                                              | 330 |
| LSSU, Lock, inserts and cylinders, polyester wall mounted .....    | 364 |
| LTP L, Cable, interconnection, LTSL lights .....                   | 600 |
| LTSL, Light LTSL, LED .....                                        | 599 |

## M

|                                                                                    |     |
|------------------------------------------------------------------------------------|-----|
| MAD, Enclosure, wall mounted, mild steel, double door .....                        | 272 |
| MAP, Enclosure, wall mounted, mild steel, panel .....                              | 278 |
| Marshalling panel, cover plate, floor standing, MMG .....                          | 228 |
| Marshalling panel, floor standing, MM .....                                        | 228 |
| MASE, Enclosure, wall mounted, EMC, single door .....                              | 374 |
| MAS, Enclosure, wall mounted, mild steel, single door .....                        | 262 |
| MCD, Enclosure, floor standing, mild steel, combinable, double door .....          | 24  |
| MCDS, Enclosure, floor standing,<br>stainless steel, combinable, double door ..... | 66  |
| MCF, Enclosure, floor standing, interlocking, mild steel, combinable .....         | 36  |
| MCI, Enclosure, floor standing, 19", mild steel, combinable .....                  | 42  |
| MCM, Enclosure, floor standing, PC, mild steel, combinable .....                   | 434 |
| MCSE, Enclosure, floor standing, EMC, combinable, single door .....                | 252 |
| MCS, Enclosure, floor standing, mild steel, combinable, single door .....          | 12  |
| MCSS, Enclosure, floor standing,<br>stainless steel, combinable, single door ..... | 60  |
| MCU, Frame extension, top, floor standing .....                                    | 229 |
| MCUK, Lifting, eye bolts for extension frame, floor standing .....                 | 221 |
| MCUP, Frame extension, top, side panels, floor standing .....                      | 229 |
| Medium swing arm system, S2 .....                                                  | 490 |
| MGRP, Terminal box, Polyester .....                                                | 402 |
| MKD, Enclosure, floor standing,<br>mild steel, semicompact, double door .....      | 54  |
| MKS, Enclosure, floor standing,<br>mild steel, semicompact, single door .....      | 46  |
| MMDP, Door, vertical profiles, wall mounted .....                                  | 326 |
| MMDP, Door, vertical profiles, wall mounted .....                                  | 473 |
| MMG, Marshalling panel, cover plate, floor standing .....                          | 228 |
| MMH, Hinges, 180° opening, wall mounted .....                                      | 324 |
| MMHS, Hinges, 180° opening, stainless steel, wall mounted .....                    | 324 |
| MM, Marshalling panel, floor standing .....                                        | 228 |
| Modcenter .....                                                                    | 632 |
| Modular chassis, front plate,<br>UCP/UCPT polyester wall mounted, UFCP .....       | 350 |
| Modular chassis, front plate,<br>UCP/UCPT polyester wall mounted, UFCP .....       | 350 |
| Modular chassis, front plate,<br>UCP/UCPT polyester wall mounted, UFCP .....       | 352 |
| Modular chassis, mounting frame,<br>UCP/UCPT polyester wall mounted, UMF .....     | 349 |
| Modular chassis, mounting frame,<br>UCP/UCPT polyester wall mounted, UMF .....     | 362 |
| Modular chassis, wall mounted, AC .....                                            | 308 |
| Modular wire workstation, PWA1000 .....                                            | 636 |
| Module, side mounted, 60mm-system .....                                            | 623 |
| Mounting accessorie, cover section, 3-pole, 60mm-system .....                      | 616 |
| Mounting, brackets, magnet, LED lights, ELA .....                                  | 598 |
| Mounting frame, steel, modular system, floor standing, MSMSF .....                 | 120 |
| Mounting frame, steel, modular system, wall mounted, MSMSM .....                   | 309 |



|                                                                                           |     |                                                                             |     |
|-------------------------------------------------------------------------------------------|-----|-----------------------------------------------------------------------------|-----|
| Mounting plate, aluminium, floor standing, MPAL .....                                     | 249 | Mounting platform, CrossBoard .....                                         | 627 |
| Mounting plate, bakelite, wall mounted, AMI .....                                         | 303 | Mounting profiles, carrier bars, floor standing, CB .....                   | 118 |
| Mounting plate, brackets, back to back fixing, floor standing, MPBB .....                 | 96  | Mounting profiles, carrier bars, heavy duty, floor standing, CBU .....      | 118 |
| Mounting plate, brackets, depth adjustment,<br>consoles MPG, MPGDA .....                  | 462 | Mounting profiles, click-in, floor standing, CLPK .....                     | 112 |
| Mounting plate, brackets, depth adjustment, floor standing, MPD .....                     | 95  | Mounting profiles, floor standing, CLPF .....                               | 113 |
| Mounting plate, brackets, depth adjustment,<br>polyester wall mounted UCP/UCPT, UCD ..... | 349 | Mounting profiles, lutze system, floor standing, CLS .....                  | 118 |
| Mounting plate, brackets, depth adjustment,<br>polyester wall mounted UDP/UDPT, UPD ..... | 361 | Mounting profiles, outer mounting profile, floor standing, CLPO .....       | 114 |
| Mounting plate, brackets, depth adjustment,<br>terminal box OABP/OPCP, OEL .....          | 417 | Mounting profiles, side, floor standing, CMB .....                          | 116 |
| Mounting plate, brackets, depth adjustment,<br>terminal box OABP/OPCP, OEL .....          | 427 | Mounting profiles, STB/SSTB terminal boxes, BPP .....                       | 395 |
| Mounting plate, brackets, floor standing, MPE .....                                       | 100 | Mounting profiles, STB/SSTB terminal boxes, BPP .....                       | 472 |
| Mounting plate, brackets, flush fixing, floor standing, MPEF .....                        | 101 | Mounting profiles, vertical, wall mounted., AVB .....                       | 307 |
| Mounting plate, brackets, rear fixing, floor standing, MPA .....                          | 95  | Mounting rails, adapter, 60mm-system .....                                  | 619 |
| Mounting plate, brackets, rear fixing, floor standing, MPA .....                          | 96  | Mounting rails, CP .....                                                    | 605 |
| Mounting plate, brackets, rear mounting, floor standing, MPA-R .....                      | 95  | Mounting vertical profiles, floor standing, HP .....                        | 116 |
| Mounting plate, depth adjustment, wall mounted, AMG .....                                 | 305 | MPAL, Mounting plate, aluminium, floor standing .....                       | 249 |
| Mounting plate, filler, floor standing, MPF .....                                         | 97  | MPA, Mounting plate, brackets, rear fixing, floor standing .....            | 95  |
| Mounting plate, galvanized steel, console base, CBPZ .....                                | 462 | MPA, Mounting plate, brackets, rear fixing, floor standing .....            | 96  |
| Mounting plate, galvanized steel, console desk/top, CDPZ .....                            | 463 | MPA-R, Mounting plate, brackets, rear mounting, floor standing .....        | 95  |
| Mounting plate, galvanized steel, console MPG/MPGS, GCPZ .....                            | 462 | MPBB, Mounting plate, brackets, back to back fixing, floor standing .....   | 96  |
| Mounting plate, galvanized steel, floor standing, MP .....                                | 94  | MPC, Console, modular system, mild steel .....                              | 442 |
| Mounting plate, galvanized steel, polyester, UMPZ .....                                   | 348 | MPCS, Console, modular system, stainless steel .....                        | 454 |
| Mounting plate, galvanized steel, polyester, UMPZ .....                                   | 360 | MPD, Mounting plate, brackets, depth adjustment, floor standing .....       | 95  |
| Mounting plate, galvanized steel, terminal box DABP/DPCP, DMP .....                       | 408 | MPEF, Mounting plate, brackets, flush fixing, floor standing .....          | 101 |
| Mounting plate, galvanized steel, terminal box DABP/DPCP, DMP .....                       | 422 | MPE, Mounting plate, brackets, floor standing .....                         | 100 |
| Mounting plate, galvanized steel, terminal box HALP, HMP .....                            | 400 | MPF, Mounting plate, filler, floor standing .....                           | 97  |
| Mounting plate, galvanized steel, terminal box MGRP, GMP .....                            | 404 | MPG, Console, compact, mild steel .....                                     | 438 |
| Mounting plate, galvanized steel, terminal box OABP/OPCP, OMP .....                       | 417 | MPGDA, Mounting plate, brackets,<br>depth adjustment, consoles MPG .....    | 462 |
| Mounting plate, galvanized steel, terminal box OABP/OPCP, OMP .....                       | 427 | MPGS, Console, compact, stainless steel .....                               | 450 |
| Mounting plate, galvanized steel, terminal box SABP/SPCP, SMP .....                       | 412 | MPH, Mounting plate, hinge kit, floor standing .....                        | 97  |
| Mounting plate, galvanized steel, terminal box STB/SSTB, BMP .....                        | 394 | MPLS, Cover plate, stainless steel, consoles MPC desk section .....         | 467 |
| Mounting plate, galvanized steel, terminal box STB/SSTB, BMP .....                        | 472 | MP, Mounting plate, galvanized steel, floor standing .....                  | 94  |
| Mounting plate, galvanized steel, wall mounted, AMP .....                                 | 302 | MPP, Mounting plate, partial, floor standing .....                          | 98  |
| Mounting plate, hard paper, polyester, UMPP .....                                         | 348 | MPPS, Cover plate, stainless steel, consoles MPC top section .....          | 467 |
| Mounting plate, hard paper, polyester, UMPP .....                                         | 360 | MPR, Mounting plate, reinforcement profiles, floor standing .....           | 101 |
| Mounting plate, hinge kit, floor standing, MPH .....                                      | 97  | MPS, Mounting plate, side brackets, floor standing .....                    | 96  |
| Mounting plate, partial, floor standing, MPP .....                                        | 98  | MPW, Mounting plate, wide, floor standing .....                             | 99  |
| Mounting plate, reinforcement profiles, floor standing, MPR .....                         | 101 | MPWR, Mounting plate, wide,<br>reinforcement profiles, floor standing ..... | 101 |
| Mounting plate, side brackets, floor standing, MPS .....                                  | 96  | MSDR, DIN rails, steel, pre-cut, modular system .....                       | 120 |
| Mounting plate, steel, partial, modular system, MSMPN .....                               | 119 | MSDR, DIN rails, steel, pre-cut, modular system .....                       | 311 |
| Mounting plate, steel, partial, modular system, MSMPN .....                               | 310 | MSMBP, Front panels, steel, plain, modular system .....                     | 123 |
| Mounting plate, telequick, galvanized steel, wall mounted, AMT .....                      | 304 | MSMBP, Front panels, steel, plain, modular system .....                     | 312 |
| Mounting plate, telequick, polyester, UMPT .....                                          | 348 | MSMCP, Front panels, steel, slotted, modular system .....                   | 122 |
| Mounting plate, telequick, polyester, UMPT .....                                          | 361 | MSMCP, Front panels, steel, slotted, modular system .....                   | 312 |
| Mounting plate, wide, floor standing, MPW .....                                           | 99  | MSMPA01, Brackets, adjustable, modular system .....                         | 121 |
| Mounting plate, wide, reinforcement profiles, floor standing, MPWR .....                  | 101 | MSMPA01, Brackets, adjustable, modular system .....                         | 311 |
| Mounting plate, wide, transversal<br>sliding profiles, floor standing, MTS .....          | 100 | MSMPF01, Brackets, fixed, modular system .....                              | 121 |
|                                                                                           |     | MSMPF01, Brackets, fixed, modular system .....                              | 311 |
|                                                                                           |     | MSMPN, Mounting plate, steel, partial, modular system .....                 | 119 |
|                                                                                           |     | MSMPN, Mounting plate, steel, partial, modular system .....                 | 310 |
|                                                                                           |     | MSMSF, Mounting frame, steel, modular system, floor standing .....          | 120 |



|                                                                                 |     |
|---------------------------------------------------------------------------------|-----|
| MSMSM, Mounting frame, steel, modular system, wall mounted.....                 | 309 |
| MSNS, Plinth, stainless steel, consoles.....                                    | 465 |
| MSST, Rainhood, stainless steel, floor standing.....                            | 233 |
| MSVS, Plinth, stainless steel, wall mounted.....                                | 316 |
| MTR, Shelf, 19" front fixation.....                                             | 151 |
| MTS, Mounting plate, wide,<br>transversal sliding profiles, floor standing..... | 100 |
| Multi key, LSMK.....                                                            | 198 |
| Multi key, LSMK.....                                                            | 330 |

## N

|                                                               |     |
|---------------------------------------------------------------|-----|
| NCCUT, Cutting machine .....                                  | 634 |
| NHZ, cooling units, stainless steel, hazardous location ..... | 534 |
| NS750, PE busbar, copper .....                                | 611 |
| NSM2000, PE busbar, copper, terminal clamps .....             | 611 |
| Nuts, sliding, for OICP, OISN .....                           | 479 |
| Nuts, sliding, GLM.....                                       | 114 |
| Nuts, sliding, GLM.....                                       | 606 |
| Nuts, snap for telequick mounting plates, TN .....            | 304 |
| Nuts, snap for telequick mounting plates, TN .....            | 349 |
| Nuts, snap for telequick mounting plates, TN .....            | 361 |

## O

|                                                                                  |     |
|----------------------------------------------------------------------------------|-----|
| OABP, Terminal box, ABS.....                                                     | 414 |
| OCP, Cover plugs, terminal boxes OABP/OPCP.....                                  | 418 |
| OCP, Cover plugs, terminal boxes OABP/OPCP.....                                  | 428 |
| OEL, Mounting plate, brackets, depth adjustment,<br>terminal box OABP/OPCP ..... | 417 |
| OEL, Mounting plate, brackets,<br>depth adjustment, terminal box OABP/OPCP ..... | 427 |
| OFL, Wall mounting brackets, OABP/OPCP terminal boxes .....                      | 418 |
| OFL, Wall mounting brackets, OABP/OPCP terminal boxes .....                      | 428 |
| OHI, Hinges, for OABP/OPCP terminal boxes .....                                  | 418 |
| OHI, Hinges, for OABP/OPCP terminal boxes .....                                  | 428 |
| OICE, Operating control enclosure .....                                          | 468 |
| OICH, Handle, for operating control panel OICP.....                              | 479 |
| OICP, Operating control panel .....                                              | 474 |
| OIDES, Extension section, for operating control panel OICP .....                 | 478 |
| OIFP, Front plate, for operating control panel OICP .....                        | 478 |
| OIKS, Bracket, for operating control panels OICP connection.....                 | 479 |
| OIPC, Front plate, for operating control panel OICP .....                        | 479 |
| OISN, Nuts, sliding, for OICP.....                                               | 479 |
| OKD1, Terminal, connection, for NS750.....                                       | 611 |
| OLW, Screws, wing for OABP/OPCP terminal boxes .....                             | 419 |
| OLW, Screws, wing for OABP/OPCP terminal boxes .....                             | 429 |
| OMP, Mounting plate, galvanized steel, terminal box OABP/OPCP ....               | 417 |
| OMP, Mounting plate, galvanized steel, terminal box OABP/OPCP ....               | 427 |
| OPCP-EE, Terminal box, extension frame, polycarbonate.....                       | 419 |
| OPCP-EE, Terminal box, extension frame, polycarbonate.....                       | 429 |
| OPCP, Terminal box, polycarbonate .....                                          | 424 |

|                                         |     |
|-----------------------------------------|-----|
| Operating control enclosure, OICE ..... | 468 |
| Operating control panel, OICP .....     | 474 |

## P

|                                                                                      |     |
|--------------------------------------------------------------------------------------|-----|
| PAC, 19" front panel .....                                                           | 153 |
| PACV, 19" front panel, ventilated.....                                               | 153 |
| Paint can, BFP .....                                                                 | 607 |
| PAP, 19" patch panel.....                                                            | 154 |
| PA, Plinth, mild steel, sides, wall mounted.....                                     | 315 |
| Partial doors system, horizontal divider, floor standing, CDH .....                  | 206 |
| Partial doors system, horizontal<br>divider for MKS, floor standing, CDHK .....      | 206 |
| Partial doors system, panel, floor standing, DPP .....                               | 209 |
| Partial doors system, partial door, floor standing, DP.....                          | 208 |
| Partial doors system, top and bottom panels, floor standing, DPC ...                 | 207 |
| Partial doors system, ventilated top<br>and bottom panels, floor standing, DPCV..... | 207 |
| Partial doors system, vertical divider, floor standing, CDV.....                     | 206 |
| Partial doors system, vertical panel, floor standing, DPB.....                       | 210 |
| PCP, Plinth combining profiles, floor standing.....                                  | 168 |
| PCU, Frame extension, bottom, floor standing.....                                    | 230 |
| PCUP, Frame extension, bottom, side panels, floor standing .....                     | 230 |
| PE busbar, copper, NS750.....                                                        | 611 |
| PE busbar, copper, terminal clamps, NSM2000 .....                                    | 611 |
| Pedestal, vertical motion, medium swing arm system, S2M10VP.....                     | 498 |
| PFAL, Plinth, aluminum, floor standing .....                                         | 250 |
| PFF, Base, mild steel, wall mounted.....                                             | 316 |
| PF, Plinth, mild steel, fronth and rear, floor standing .....                        | 166 |
| PF, Plinth, mild steel, fronth and rear, floor standing .....                        | 464 |
| PFS, Plinth, stainless steel, fronth and rear, floor standing .....                  | 169 |
| PGM, Plinth, ground, aluminum, floor standing.....                                   | 250 |
| PLC, Lock, padlocking cover, wall mounted .....                                      | 329 |
| PLFR, Vortex, air regulator kit.....                                                 | 528 |
| Plinth, aluminum, floor standing, PFAL .....                                         | 250 |
| Plinth combining profiles, floor standing, PCP .....                                 | 168 |
| Plinth, ground, aluminum, floor standing, PGM .....                                  | 250 |
| Plinth, mild steel, fronth and rear, floor standing, PF .....                        | 166 |
| Plinth, mild steel, fronth and rear, floor standing, PF .....                        | 464 |
| Plinth, mild steel, fronth and rear, wall mounted, P .....                           | 315 |
| Plinth, mild steel, sides, consoles, PST .....                                       | 465 |
| Plinth, mild steel, sides, floor standing, PS .....                                  | 168 |
| Plinth, mild steel, sides, wall mounted, PA.....                                     | 315 |
| Plinth, stainless steel, consoles, MSNS.....                                         | 465 |
| Plinth, stainless steel, fronth and rear, floor standing, PFS.....                   | 169 |
| Plinth, stainless steel, sides, floor standing, PSS .....                            | 170 |
| Plinth, stainless steel, wall mounted, MSVS.....                                     | 316 |
| Plinth, UDP polyester wall mounted, UPP .....                                        | 363 |
| Plinth, ventilated, mild steel, fronth and rear, floor standing, PV .....            | 167 |
| Plugs, tube hole, medium swing arm system, S2MTHP.....                               | 499 |
| Pole fixation, wall mounted, EPF .....                                               | 314 |

|                                                                                   |     |
|-----------------------------------------------------------------------------------|-----|
| Pole fixation, wall mounted, EPF .....                                            | 353 |
| Pole fixation, wall mounted, EPF .....                                            | 362 |
| Pole fixation, wall mounted, EPF .....                                            | 396 |
| PP, DIN rail .....                                                                | 605 |
| P, Plinth, mild steel, fronth and rear, wall mounted .....                        | 315 |
| Pressure compensation plug, plastic, goretex, EDA .....                           | 564 |
| Pressure compensation plug, PVD .....                                             | 567 |
| Pressure compensation plug, stainless steel, goretex, EDAS .....                  | 565 |
| Profile brackets, EKS/EKD compact floor standing, CAK .....                       | 114 |
| Profile, operator arm, light swing arm system, S1MT .....                         | 482 |
| Profile, operator arm, medium swing arm system, S2MT .....                        | 492 |
| Profiles, depth dividing, VBD .....                                               | 115 |
| Profiles, steel, adjustable, modular system, APK .....                            | 122 |
| Profile, steel, interior mounting, DIP .....                                      | 306 |
| Profile, steel, interior mounting, HDW range, DIPH .....                          | 372 |
| Profiles, vertical and depth dividing, brackets, VBK .....                        | 115 |
| Profiles, vertical dividing, VB .....                                             | 115 |
| PS, Plinth, mild steel, sides, floor standing .....                               | 168 |
| PSS, Plinth, stainless steel, sides, floor standing .....                         | 170 |
| PST, Plinth, mild steel, sides, consoles .....                                    | 465 |
| Purging/pressurization system,<br>stainless steel, hazardous location, HLA1 ..... | 382 |
| Purging system, stainless steel, hazardous location, HLA3 .....                   | 383 |
| PVD, Pressure compensation plug .....                                             | 567 |
| PV, Plinth, ventilated, mild steel, fronth and rear, floor standing .....         | 167 |
| PW, 19" plastic washers .....                                                     | 150 |
| PWA1000, Modular wire workstation .....                                           | 636 |
| PWA5000, Wire personal assistant .....                                            | 638 |
| PWA6000, Wire processing center .....                                             | 640 |
| PWB, 19" power distribution box .....                                             | 153 |
| PWD, Heat exchanger, roof .....                                                   | 532 |
| PWS, Heat exchanger, vertical .....                                               | 530 |

## R

|                                                                            |     |
|----------------------------------------------------------------------------|-----|
| Rainhood, mild steel, wall mounted, ARF .....                              | 340 |
| Rainhood, polyester wall mounted UDP/UDPT, URH .....                       | 367 |
| Rainhood, stainless steel, floor standing, MSST .....                      | 233 |
| Rainhood, stainless steel, wall mounted, ASST .....                        | 341 |
| Reduction, light signal adapter,<br>light swing arm system, S1MSLARE ..... | 488 |
| REU, Exhaust filter, roof .....                                            | 556 |
| RFU, Filter fan, roof .....                                                | 550 |
| Roof, closing plate for fan opening, floor standing, DFC .....             | 223 |
| Roof, fan, floor standing, DFN .....                                       | 223 |
| Roof, fan kit, floor standing, DFN61 .....                                 | 223 |
| Roof, for fans, floor standing, CFR .....                                  | 222 |
| Roof, spacer kit, floor standing, CVK .....                                | 224 |
| Roof, ventilated, floor standing, CVR .....                                | 222 |
| Round, light signal adapter, light swing arm system, S1MSLA .....          | 487 |
| Round, light signal adapter, medium swing arm system, S2MLSAR .....        | 499 |

## S

|                                                                            |     |
|----------------------------------------------------------------------------|-----|
| S1, Light swing arm system .....                                           | 480 |
| S1MA, Adapter, narrow, light swing arm system .....                        | 484 |
| S1ME, Elbow, coupling, light swing arm system .....                        | 483 |
| S1MER, Elbow, rotatable, light swing arm system .....                      | 483 |
| S1MFC, HMI, coupling, light swing arm system .....                         | 484 |
| S1MFEC, Elbow, panel coupling, light swing arm system .....                | 484 |
| S1MIJ, Joint, intermediate, light swing arm system .....                   | 483 |
| S1MPCH, Horizontal, panel coupling, light swing arm system .....           | 485 |
| S1MPCV, Vertical, panel coupling, light swing arm system .....             | 485 |
| S1MRCAK, Cap, angled, replacement, light swingarm system .....             | 488 |
| S1MRCREK, Cap, reduction, replacement, light swingarm system .....         | 489 |
| S1MRCRK, Cap, round replacement, light swingarm system .....               | 488 |
| S1MRE, Elbow, reduction, light swing arm system .....                      | 485 |
| S1MRHK, Hardware kit, replacement, light swingarm system .....             | 489 |
| S1MRL, (Aluminum), rotation limiter, limiter swing arm system .....        | 487 |
| S1MSJ, Set up joint, light swing arm system .....                          | 486 |
| S1MSLAA, Angled, light signal adapter, light swing arm system .....        | 487 |
| S1MSLARE, Reduction, light<br>signal adapter, light swing arm system ..... | 488 |
| S1MSLA, Round, light signal adapter, light swing arm system .....          | 487 |
| S1MTBB, Base bracket, rotary, light swing arm system .....                 | 486 |
| S1MT, Profile, operator arm, light swing arm system .....                  | 482 |
| S1MWF, Base/wall, bracket, light swing arm system .....                    | 486 |
| S1MWJH, Wall joint, horizontal, light swing arm system .....               | 482 |
| S1MWJV, Wall joint, vertical, light swing arm system .....                 | 482 |
| S2M10VP, Pedestal, vertical motion, medium swing arm system .....          | 498 |
| S2MA48, Flange adapter, round 48-mm,<br>medium swing arm system .....      | 497 |
| S2MAA, Adapter, angled, medium swing arm system .....                      | 496 |
| S2MACB, Coupling, tilted back, medium swing arm system .....               | 495 |
| S2MACF, Coupling, tilted forward, medium swing arm system .....            | 496 |
| S2MBC, Coupling, base, medium swing arm system .....                       | 496 |
| S2, Medium swing arm system .....                                          | 490 |
| S2ME, Elbow, medium swing arm system .....                                 | 493 |
| S2MER, Elbow, rotation, medium swing arm system .....                      | 494 |
| S2MFC48, Flange coupling, round 48-mm,<br>medium swing arm system .....    | 497 |
| S2MFC, Coupling, HMI, medium swing arm system .....                        | 494 |
| S2MFEC, Coupling, elbow, medium swing arm system .....                     | 495 |
| S2MIJ, Joint, intermediate, medium swing arm system .....                  | 494 |
| S2MLSAE, Rectangle, light signal adapter,<br>medium swing arm system ..... | 498 |
| S2MLSAR, Round, light signal adapter, medium swing arm system .....        | 499 |
| S2MPBS, Base, small pedestal, medium swing arm system .....                | 498 |
| S2MRB, Bracket, rotary base, medium swing arm system .....                 | 492 |
| S2MRL, Limiters, rotation, medium swing arm system .....                   | 499 |
| S2MSJ, Set up joint, medium swing arm system .....                         | 492 |
| S2MTA, Adapter, tube, medium swing arm system .....                        | 495 |
| S2MTHP, Plugs, tube hole, medium swing arm system .....                    | 499 |

|                                                                        |     |
|------------------------------------------------------------------------|-----|
| S2MT, Profile, operator arm, medium swing arm system .....             | 492 |
| S2MWF, Flange, base wall, medium swing arm system.....                 | 497 |
| S2MWJH, Horizontal, wall joint,medium swing arm system.....            | 493 |
| S2MWJV, Vertical, wall joint, medium swing arm system.....             | 493 |
| SABP, Terminal box, ABS .....                                          | 410 |
| SBK, Seismic kit, floor standing.....                                  | 158 |
| SCE, Gland plate, section profile for cable entry, floor standing..... | 225 |
| SCP, Cover plugs, terminal boxes SABP/SPCP .....                       | 413 |
| Screws, clip-on cage nuts, CNS.....                                    | 117 |
| Screws, clip-on cage nuts, CNS.....                                    | 606 |
| Screws, extrude-tite, CNT.....                                         | 117 |
| Screws, extrude-tite, CNT.....                                         | 606 |
| Screws, extrude-tite, stainless steel, CNTS.....                       | 117 |
| Screws, phillips, CHS .....                                            | 150 |
| Screws, wing for OABP/OPCP terminal boxes, OLW .....                   | 419 |
| Screws, wing for OABP/OPCP terminal boxes, OLW .....                   | 429 |
| Segregation plate, consoles MPC, SGPZ .....                            | 463 |
| Seismic kit, floor standing, SBK.....                                  | 158 |
| Separation plate, EMC, floor standing, SPD EMC.....                    | 256 |
| Separation plate, fixation brackets, CCJ .....                         | 219 |
| Separation plate, fixation brackets, CCJ .....                         | 257 |
| Separation plate, floor standing, SPD .....                            | 218 |
| Separation plate, floor standing, SPDS.....                            | 219 |
| Separation plate, gasket, EMC, floor standing, SPDEG .....             | 257 |
| Separation plate, gasket, floor standing, SPDG .....                   | 219 |
| Set up joint, light swing arm system, S1MSJ.....                       | 486 |
| Set up joint, medium swing arm system, S2MSJ .....                     | 492 |
| SFBP, Swing frame 19", transversal brackets, floor standing.....       | 146 |
| SFBP, Swing frame 19", transversal brackets, floor standing.....       | 147 |
| SFBP, Swing frame 19", transversal brackets, floor standing.....       | 308 |
| SFCP, Swing frame 19", partial height, floor standing .....            | 146 |
| SFCP, Swing frame 19", partial height, floor standing .....            | 307 |
| SFL, Wall mounting brackets, SABP/SPCP terminal boxes .....            | 413 |
| SFMP, Swing frame 19", mounting plate, floor standing.....             | 145 |
| SFSU, Swing frame 19", chassis support, floor standing .....           | 145 |
| SGPZ, Segregation plate, consoles MPC.....                             | 463 |
| SHC, Shelf, ventilated, floor standing.....                            | 157 |
| Shelf, 19" fixation, VSF.....                                          | 152 |
| Shelf, 19" front fixation, MTR.....                                    | 151 |
| Shelf, telescopic, 19" fixation, VTS .....                             | 152 |
| Shelf, telescopic, fixation profiles, floor standing, SHTP.....        | 158 |
| Shelf, telescopic, floor standing, SHT.....                            | 157 |
| Shelf, telescopic, heavy load, floor standing, SHTH.....               | 157 |
| Shelf, ventilated, floor standing, SHC.....                            | 157 |
| SHTH, Shelf, telescopic, heavy load, floor standing.....               | 157 |
| SHTP, Shelf, telescopic, fixation profiles, floor standing .....       | 158 |
| SHT, Shelf, telescopic, floor standing .....                           | 157 |
| Side panels, aluminium, SPMA .....                                     | 249 |
| Side panels, EMC, floor standing, SPME.....                            | 256 |
| Side panels, mild steel, floor standing, SPM .....                     | 214 |
| Side panels, stainless steel, floor standing, SPMS .....               | 215 |

|                                                                       |     |
|-----------------------------------------------------------------------|-----|
| SMP, Mounting plate, galvanized steel, terminal box SABP/SPCP .....   | 412 |
| Socket with integrated fuse, LPS.....                                 | 604 |
| Spacer bolts, AMTE.....                                               | 305 |
| Spacer bolts, AMTE.....                                               | 394 |
| SPDEG, Separation plate, gasket, EMC, floor standing .....            | 257 |
| SPD EMC, Separation plate, EMC, floor standing.....                   | 256 |
| SPDG, Separation plate, gasket, floor standing .....                  | 219 |
| SPD, Separation plate, floor standing .....                           | 218 |
| SPDS, Separation plate, floor standing.....                           | 219 |
| SPMA, Side panels, aluminium .....                                    | 249 |
| SPME, Side panels, EMC, floor standing.....                           | 256 |
| SPM, Side panels, mild steel, floor standing .....                    | 214 |
| SPMS, Side panels, stainless steel, floor standing .....              | 215 |
| SSC, Cleaner for stainless steel.....                                 | 607 |
| SSTBH, Hinges, stainless steel, for SSTB terminal boxes.....          | 397 |
| SSTB, Terminal box, stainless steel .....                             | 390 |
| Stainless steel glazed doors, DNGS.....                               | 178 |
| STBH, Hinges, for STB terminal boxes.....                             | 397 |
| STB, Terminal box, mild steel .....                                   | 388 |
| Swing frame 19", 180° hinges, floor standing, ESFH.....               | 144 |
| Swing frame 19", chassis support, floor standing, SFSU .....          | 145 |
| Swing frame 19", door stop, floor standing, ESFD .....                | 144 |
| Swing frame 19", floor standing, ESFC.....                            | 136 |
| Swing frame 19", middle mounted, floor standing, ESFM.....            | 138 |
| Swing frame 19", mounting plate, floor standing, SFMP .....           | 145 |
| Swing frame 19", partial height, floor standing, SFCP.....            | 146 |
| Swing frame 19", partial height, floor standing, SFCP.....            | 307 |
| Swing frame 19", side mounted, floor standing, ESFS.....              | 140 |
| Swing frame 19", transversal brackets, floor standing, SFBP.....      | 146 |
| Swing frame 19", transversal brackets, floor standing, SFBP.....      | 147 |
| Swing frame 19", transversal brackets, floor standing, SFBP.....      | 308 |
| Swing frame 19", transversal support bars, floor standing, ESFB ..... | 144 |
| Switch disconnecter, 160A, 60 mm-system.....                          | 626 |
| Switch disconnecter fuse, 125-250A, 60 mm-system.....                 | 626 |

## T

|                                                            |     |
|------------------------------------------------------------|-----|
| TB13G, Blanking plates, plastic, grey, DIN slots .....     | 123 |
| TB13G, Blanking plates, plastic, grey, DIN slots .....     | 313 |
| Terminal box, ABS, DABP .....                              | 406 |
| Terminal box, ABS, OABP.....                               | 414 |
| Terminal box, ABS, SABP .....                              | 410 |
| Terminal box, Aluminum, HALP .....                         | 398 |
| Terminal box, extension frame, polycarbonate, OPCP-EE..... | 419 |
| Terminal box, extension frame, polycarbonate, OPCP-EE..... | 429 |
| Terminal box, mild steel, STB .....                        | 388 |
| Terminal box, polycarbonate, OPCP .....                    | 424 |
| Terminal box, polycarbonate, DPCP .....                    | 420 |
| Terminal box, Polyester, MGRP.....                         | 402 |
| Terminal box, polyester, ZONEX enclosures, EXE-NB.....     | 431 |
| Terminal box, stainless steel, SSTB .....                  | 390 |

|                                                              |     |
|--------------------------------------------------------------|-----|
| Terminal box, stainless steel, ZONEX enclosures, EXE-SB..... | 430 |
| Terminal, connection, for NS750, OKD1.....                   | 611 |
| Thermostat, aluminium, hazardous location, HLTHERMNC.....    | 575 |
| Thermostat, aluminium, hazardous location, HLTSTAT.....      | 575 |
| Thermostat, changeover contact, ETR200.....                  | 570 |
| Thermostat, dual, ETR203.....                                | 571 |
| Thermostat, ETR.....                                         | 569 |
| Thermostat, fixed regulation, EFR.....                       | 568 |
| TLCF, 19" front panel TLC fixation.....                      | 603 |
| TLC, Light TLC, compact.....                                 | 601 |
| TLCL, Light TLC, LED, compact.....                           | 602 |
| TLCS, Door switch, with cable, for TLC/TLCL ligths.....      | 602 |
| TL, Light TL.....                                            | 603 |
| TN, Nuts, snap for telequick mounting plates.....            | 304 |
| TN, Nuts, snap for telequick mounting plates.....            | 349 |
| TN, Nuts, snap for telequick mounting plates.....            | 361 |
| TNS2, Isolator, Plastic, PE/Neutral.....                     | 611 |
| Transparent aluminium windows, ADA.....                      | 186 |
| Transport bracket, swing frame, ESFT.....                    | 145 |

## U

|                                                                                          |     |
|------------------------------------------------------------------------------------------|-----|
| UAF, DIN-base adaptor frame, polyester wall mounted UDP/UDPT...                          | 363 |
| UAV, Air ventilation device, polyester wall mounted UDP/UDPT.....                        | 366 |
| UCD, Mounting plate, brackets,<br>depth adjustment, polyester wall mounted UCP/UCPT..... | 349 |
| UCK, Combining gasket, polyester wall mounted UDP/UDPT.....                              | 365 |
| UCP, Combining profile, polyester wall mounted UDP/UDPT.....                             | 365 |
| UCP/UCPT, Enclosure, wall mounted, polyester, compact.....                               | 342 |
| UDE, Baying kit, depth, polyester wall mounted UDP/UDPT.....                             | 366 |
| UDH, Lock, swing handle, polyester wall mounted.....                                     | 353 |
| UDH, Lock, swing handle, polyester wall mounted.....                                     | 364 |
| UDP/UDPT, Enclosure, wall mounted, polyester, modular.....                               | 354 |
| UDS, Door stop, UDP/UDPT.....                                                            | 365 |
| UFCP, Modular chassis, front plate,<br>UCP/UCPT polyester wall mounted.....              | 350 |
| UFCP, Modular chassis, front plate,<br>UCP/UCPT polyester wall mounted.....              | 350 |
| UFCP, Modular chassis, front plate,<br>UCP/UCPT polyester wall mounted.....              | 352 |
| UHS, Hinges, for front panel, polyester wall mounted.....                                | 352 |
| UICP, Individual front plate, UCP/UCPT polyester wall mounted.....                       | 351 |
| UICP, Individual front plate, UCP/UCPT polyester wall mounted.....                       | 351 |
| UID, Inner door, polyester, UDP/UDPT.....                                                | 364 |
| UKT, Keyboard hinged tray, floor standing.....                                           | 185 |
| UMF, Modular chassis, mounting frame,<br>UCP/UCPT polyester wall mounted.....            | 349 |
| UMF, Modular chassis, mounting frame,<br>UCP/UCPT polyester wall mounted.....            | 362 |
| UMPP, Mounting plate, hard paper, polyester.....                                         | 348 |
| UMPP, Mounting plate, hard paper, polyester.....                                         | 360 |
| UMPS, DIN-base, polyester wall mounted UDP/UDPT.....                                     | 363 |
| UMPT, Mounting plate, telequick, polyester.....                                          | 348 |
| UMPT, Mounting plate, telequick, polyester.....                                          | 361 |
| UMPZ, Mounting plate, galvanized steel, polyester.....                                   | 348 |
| UMPZ, Mounting plate, galvanized steel, polyester.....                                   | 360 |
| UPD, Mounting plate, brackets,<br>depth adjustment, polyester wall mounted UDP/UDPT..... | 361 |
| UPP, Plinth, UDP polyester wall mounted.....                                             | 363 |
| UPVD, Air ventilation device, polyester wall mounted UCP/UCPT.....                       | 353 |
| URH, Rainhood, polyester wall mounted UDP/UDPT.....                                      | 367 |
| UVT, 19" ventilation module, with thermostat.....                                        | 155 |
| UWB, Wall mounting brackets, rainhood,<br>UDP/UDPT polyester wall mounted.....           | 362 |
| UWMB, Wall mounting brackets,<br>UCP/UCPT polyester wall mounted.....                    | 352 |

## V

|                                                                |     |
|----------------------------------------------------------------|-----|
| VBD, Profiles, depth dividing.....                             | 115 |
| VBK, Profiles, vertical and depth dividing, brackets.....      | 115 |
| VB, Profiles, vertical dividing.....                           | 115 |
| Vertical, panel coupling, light swing arm system, S1MPCV.....  | 485 |
| Vertical, wall joint, medium swing arm system, S2MWJV.....     | 493 |
| VHL, Vortex cooler, stainless steel, hazardous location.....   | 536 |
| Viewing window, mounting kit, ADAMK/ADABMK.....                | 186 |
| Viewing window, mounting kit, ADAMK/ADABMK.....                | 320 |
| Viewing window, stainless steel, hazardous location, EXWK..... | 379 |
| Vortex, air distribution kit, BPA.....                         | 528 |
| Vortex, air regulator kit, PLFR.....                           | 528 |
| Vortex cooler, BP.....                                         | 522 |
| Vortex cooler, high temperature, HT.....                       | 526 |
| Vortex cooler, stainless steel, hazardous location, VHL.....   | 536 |
| Vortex, side mounting kit, BPF.....                            | 529 |
| Vortex, silencer, BPS.....                                     | 529 |
| Vortex, thermostat kit, BPT.....                               | 528 |
| VSF, Shelf, 19" fixation.....                                  | 152 |
| VTS, Shelf, telescopic, 19" fixation.....                      | 152 |

## W

|                                                                                |     |
|--------------------------------------------------------------------------------|-----|
| Wall fixing brackets, floor standing, CCB.....                                 | 171 |
| Wall fixing brackets, stainless steel, floor standing, CCBS.....               | 171 |
| Wall joint, horizontal, light swing arm system, S1MWJH.....                    | 482 |
| Wall joint, vertical, light swing arm system, S1MWJV.....                      | 482 |
| Wall mounted, stainless steel, ZONEX enclosures, EXE-WM.....                   | 378 |
| Wall mounting brackets, DABP/DPCP terminal boxes, DFL.....                     | 409 |
| Wall mounting brackets, DABP/DPCP terminal boxes, DFL.....                     | 423 |
| Wall mounting brackets, hygienic design, wall mounted, AWHD.....               | 372 |
| Wall mounting brackets, OABP/OPCP terminal boxes, OFL.....                     | 418 |
| Wall mounting brackets, OABP/OPCP terminal boxes, OFL.....                     | 428 |
| Wall mounting brackets, rainhood,<br>UDP/UDPT polyester wall mounted, UWB..... | 362 |
| Wall mounting brackets, SABP/SPCP terminal boxes, SFL.....                     | 413 |

Wall mounting brackets, stainless steel, wall mounted, AWS ..... 313

Wall mounting brackets, stainless steel, wall mounted, AWS ..... 396

Wall mounting brackets,  
UCP/UCPT polyester wall mounted, UWMB ..... 352

Wall mounting brackets, zinc plated steel, wall mounted, AW ..... 313

Wall mounting brackets, zinc plated steel, wall mounted, AW ..... 396

Wire personal assistant, PWA5000..... 638

Wire processing center, PWA6000..... 640



Blank lined area for notes or specifications.



Blank lined area for notes or specifications.

Blank lined area for notes or specifications.

Blank lined area for notes or specifications.







Blank lined area for notes or specifications.





Blank lined area for notes or specifications.

Blank lined area for notes or specifications.



Blank lined area for notes or specifications.





In line with our policy of continuous development, we reserve the right to update our designs at any time. As a result, the product shown may not be identical to the one which is supplied, although it will correspond with the standards mentioned in the brochure. Whilst every care is taken to ensure that the information supplied is correct, we cannot accept any responsibility for errors or changes that may occur.

All dimensions presented in this catalogue are in millimeters (mm) unless otherwise specified.





[eldon.com](http://eldon.com)  
[hoffman.nVent.com](http://hoffman.nVent.com)